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SYMBOLS

The following standard symbols are used in this publication:

-	nil or zero
--	not reported
*	withheld to meet confidentiality requirements of the Statistics Bureau Act R.S.A. 1980
n.e.s.	not elsewhere specified

NOTE

Table totals may not equal sum of components due to rounding.

PREFACE

The data contained in this publication originate from the annual Census of Manufactures conducted by Statistics Canada. The census results are shared by Statistics Canada with the Alberta Bureau of Statistics, making it possible to significantly reduce the response burden on Alberta manufacturers. Appreciation is extended to the manufacturers for providing the information. It should be noted that the statistics presented are subject to specific legislation preventing the publication of information pertaining to individual establishments.

The data represent the most current small-area manufacturing statistics available. More recent provincial information in the form of estimates of the value of goods of own manufacture is published in the Bureau of Statistics' quarterly Alberta Statistical Review. These estimates are based on a monthly sample survey of manufacturers from the twenty industry groups that comprise the manufacturing sector. When the Census of Manufactures data become available, the corresponding monthly estimates are then adjusted to census totals.

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TABLE OF CONTENTS

PAGE

PREFACE iii

INTRODUCTION 1

SURVEY PROCEDURES AND USES
A. Survey Methodology 3
B. Confidentiality Procedures 5
C. Cautionary Notes 5

SURVEY RESULTS
A. Summary Analysis 7
B. Principal Manufacturing Statistics by Industry and Geographic Level 21
C. Principal Manufacturing Statistics by Industrial Activity 65
D. Manufacturing Employment Statistics 73

LIST OF TABLES

A. Summary Analysis

I: Value of Shipments of Goods of Own Manufacture by Industry Group: Alberta, 1977-1981 10

II: Growth Rate of Value of Shipments of Goods of Own Manufacture by Industry Group: Alberta, 1977-1981 11

III: Value of Shipments (Current and Constant Dollars) of Goods of Own Manufacture and Growth Rate by Industry Group: Alberta, Ontario and Canada, 1981 13

IV: Value of Shipments of Goods of Own Manufacture for Major Cities: Alberta, 1977-1981 15

V: Growth Rate of Value of Shipments of Goods of Own Manufacture for Major Cities: Alberta, 1977-1981 16

VI: Contribution of Manufacturing Industry to Gross Domestic Product (GDP): Alberta, 1977-1981 17

VII: Contribution of Manufacturing Employment to Total Employment: Alberta, 1977-1981 18

B. Principal Manufacturing Statistics by Industry and Geographic Level

1: Alberta 23
2: Calgary 29
3: Edmonton (Proper) 34

TABLE OF CONTENTS (CONTINUED)

PAGE

4: Edmonton (Metro) 39
5: Lethbridge 44
6: Medicine Hat 47
7: Red Deer 49
8: Census Divisions 51
9: Selected Centres by Census Division 57

C. Principal Manufacturing Statistics by Industrial Activity

10: Agricultural Processing Industry 67
11: Petroleum and Chemicals Industry 68
12: Metals and Equipment Industry 69
13: Forestry Products Industry 70
14: Non-Metalic Mineral Products Industry 71
15: Manufacturing Industries N.E.S. 72

D. Manufacturing Employment Statistics

16: Manufacturing Employment Statistics by Industry 75

APPENDICIES

A: Glossary 83
B: Municipalities by Number, Type and SIC of Industry 87
C: SIC Codes (1970) - Manufacturing Industries 100

INTRODUCTION

This publication is the ninth in an annual series presenting principal statistics on Alberta's manufacturing industries. The data compiled in this report are based on the 1981 Census of Manufactures, a survey conducted annually by Statistics Canada, the results of which are shared with the Alberta Bureau of Statistics.

The principal manufacturing statistics provided consist of the number of manufacturing establishments in each industry, the number of employees in both production and non-production activities, the total salaries and wages, the cost of fuel and electricity, the cost of materials and supplies used, the value added by an industry and the value of goods of own manufacture. The data related to employees and fuel and electricity reflect the cost of manufacturing and non-manufacturing activities; that is, total activity. Non-manufacturing activities involve secondary activities such as the warehousing and distribution of goods, the merchandising of goods purchased for resale, the carrying out of construction with a company's own labour force for own use, and so on. Data on the cost of materials and supplies, value added and value of shipments reflect the cost of establishments' manufacturing activity only.

The manufacturing industries reported are organized into twenty major groups for the purposes of this publication: food & beverages; tobacco products; rubber & plastics; leather; textiles; knitting mills; clothing; wood; furniture & fixtures; paper & allied; printing, publishing & allied; primary metals; metal fabricating; machinery; transportation equipment; electrical products; non-metalic mineral products; petroleum & coal products; chemical & chemical products; and miscellaneous manufacturing.

The publication is presented in four parts. First is the introduction, which is followed by a description of the survey procedures and uses. The third part is comprised of the survey results. This part, containing the manufacturing statistics, is further divided into four sections. Section A, which presents a summary analysis, discusses provincial manufacturing

characteristics and trends over a five-year period. It provides actual and deflated data, offers comparisons to Ontario and Canada, and explores manufacturing's contribution to gross domestic product and employment in Alberta.

Section B, Tables 1 to 9, contains the principal manufacturing statistics grouped by type of industry at various geographic levels. Table 1 displays complete provincial statistics for each industry. Tables 2 to 7 present data for the five major cities in Alberta. Data for each census division and for selected municipalities and regions within the census divisions are provided in Tables 8 and 9.

Section C, Tables 10 to 15, contains provincial manufacturing data for each of six industrial groupings: agricultural processing, petroleum and chemicals production, metal and equipment fabrication, forest products, non-metalic mineral production, and manufacturing industries not elsewhere specified. The chief function of these groupings is to present, in the form of industry totals, confidential information not otherwise available. For example, the agricultural processing group totals (Table 10) incorporate data on leather tanneries, information unavailable, because of confidentiality requirements, from any other table totals. Inclusion in an industrial group is based on an industry's direct or indirect relationship to that production group. Using the agricultural processing group again as an example, industries belonging to that group are such primary industries as poultry processing and feeds, and also secondary and tertiary industries such as distilleries and leather tanneries utilizing raw agricultural products.

Finally, Section D, Table 16, disaggregates total activity employment data at the provincial level into that of production and non-production employees, grouped by type of industry.

The last part, which follows the survey results, contains three appendices. Appendix A is a glossary of terms, Appendix B lists Alberta municipalities alphabetically giving the number and type of manufacturing establishments in each, and Appendix C presents the 1970 Standard Industrial Classification (SIC) codes used to classify manufacturing industries.

SURVEY PROCEDURES AND USES

A. SURVEY METHODOLOGY

The Census of Manufactures survey, conducted annually by Statistics Canada, uses two types of questionnaires to collect different information from large versus small establishments. A "long form" questionnaire is used to request detailed information on principal manufacturing statistics and on commodity inputs and outputs. The "short form" is intended for smaller establishments and asks for minimum principal statistics. Statistics Canada's criteria for differentiating large and small establishments is based on firm size as measured by the value of shipments. The cutoff between large and small varies by industry and by province, but is set so that the "long form" questionnaire accounts for all but a small percentage of total manufacturing shipments. For smaller establishments, whenever possible, rather than sending a questionnaire, Revenue Canada tax information is used as a data source. This is done to minimize manufacturers' overall response burden.

An additional questionnaire, "the head office schedule", is used in cases where head offices or other auxiliary units, such as sales offices, warehouses and garages, are physically separate from the location of manufacturing activity and therefore have separate data to report.

For the Census of Manufactures, all data are collected from reporting units known as establishments, or from auxiliary units. An establishment is defined as the smallest unit capable of reporting the necessary principal manufacturing statistics -- usually a plant or mill. The term auxiliary unit is applied to any non-establishment statistical unit such as a head office or sales office. When an auxiliary unit is located at an establishment, the establishment report will include the data of such a unit. When such units are located separately and separate records are maintained, they are asked to complete a head office questionnaire.

The number of total survey units is used to calculate the response rate. Data were received from or were available through tax files for 2,793 of 3,259 total units, a response rate of 86 percent. Of the 2,793 responding units, 341 were auxiliary units, leaving 2,452 reporting manufacturing establishments. The breakdown of total survey units and reporting manufacturing establishments by industry group is presented in the following chart:

INDUSTRY GROUP	Total Units Surveyed	Reporting Manufacturing Establishments
Food & Beverage Industries	491	377
Tobacco Products Industries	-	-
Wood Industries	283	218
Paper & Allied Industries	39	35
Printing, Publishing & Allied Industries	430	363
Primary Metal Industries	35	29
Metal Fabricating Industries	501	382
Machinery Industries (except electrical machinery)	231	157
Transportation Equipment Industries	124	79
Non-Metallic Mineral Products Industries	200	164
Petroleum & Coal Products Industries	16	14
Chemical & Chemical Products Industries	99	71
Other Industries[1]	810	563
TOTAL ALL INDUSTRIES	**3,259**	**2,452**

[1] See Note to Table I

As in past years, the survey reference period is based on businesses' fiscal year and includes year-ends as early as April 1, 1981 or as late as March 31, 1982.

B. CONFIDENTIALITY PROCEDURES

Statistics presented conform to the confidentiality guidelines of the Statistics Bureau Act: Chapter S-22, Revised Statutes of Alberta, 1980, which prevent disclosure of information pertaining to an individual establishment. Also under the terms of this act, some statistics which in themselves are not confidential have been suppressed in order to prevent the indirect disclosure of confidential information. This means that data are not published for aggregations containing less than three establishments or containing three or more establishments when that industry is dominated by one or two establishments. Also, where data for only one industry in a table are confidential, it may be necessary to suppress data for a second industry that are not confidential. This prevents the confidential data from being deduced residually.

C. CAUTIONARY NOTES

When data is tabulated at the provincial level (Tables 1, 10-16), all information, including for separately located head offices and other auxiliary units, is summed. Data pertaining to the separately located auxiliary units are omitted, however, from industry totals for subprovincial areas (Tables 2-9), since these units are not strictly manufacturing. For example, data for a manufacturing plant in Red Deer would not include data for its head office in Edmonton. As a result, when individual subprovincial areas are tabulated to a provincial level, for some statistics, like those on employees, the data may not correspond with the totals provided in the provincial tables.

The data in this publication are disaggregated to the four-digit 1970 Standard Industrial Classification (SIC). When compiling data care should be exercised. Double counting will occur through summing of data at the two-digit level SIC with data at the three- and four-digit level. Further information on SIC codes and aggregations is contained in Appendix A.

SURVEY RESULTS

Section A
Summary Analysis

A. SUMMARY ANALYSIS

This section presents highlights for 1981 and examines selected five-year trends. It also includes figures in current and deflated dollars in a comparison that incorporates data for the leading manufacturing province of Ontario, and Canada. Manufacturing's contribution to gross domestic product and employment in Alberta is also explored.

Alberta manufacturing value of shipments for major industry groups from 1977 through 1981 is presented in Table I. Alberta's total value of shipments in 1981 was $13.4 billion. Three industry groups comprised 60% of the total value of manufacturing shipments. Of the 60%, 26.7% or $3.6 billion was accounted for by the food and beverage industries. Next was the petroleum and coal products group, contributing $3 billion or 22.4% of the provincial total, followed by the chemical and chemical products group with $1.5 billion, 10.9% of provincial shipments. The remaining nine industry groups contributed between 6.0% and 1.5% to the 1981 provincial total. The transportation equipment industry contributed least, with only 1.5%.

Examining the data over the five years reveals that the food and beverages industries' share of total value of shipments declined steadily. Since 1977 its share dropped from 34.2% of provincial shipments to 26.7% in 1981. In 1980, this industry group, traditionally producing the highest value of shipments, was overtaken by the petroleum-based industries, comprised of the petroleum and coal products, and chemical and chemical products industries. These industries' share of the total grew from $1.6 billion or 26% of the value of shipments in 1977 to $4.5 billion or 33.3% of the value of shipments in 1981. Chemical and chemical products provided a major contribution to this increased share, with its shipments increasing from $417 million or 6.9% of value of shipments in 1977 to 10.9% or $1.5 billion in 1981.

TABLE I
VALUE OF SHIPMENTS OF GOODS OF OWN MANUFACTURE BY INDUSTRY GROUP:
ALBERTA, 1977-1981

INDUSTRY GROUP	1977 Value of Shipments	1977 Share of Total	1978 Value of Shipments	1978 Share of Total	1979 Value of Shipments	1979 Share of Total	1980 Value of Shipments	1980 Share of Total	1981 Value of Shipments	1981 Share of Total
	$ millions	%	$ millions	%	$ millions	%	$ millions	%	$ millions	%
Food & Beverages	2,059	34.2	2,424	32.6	2,825	31.6	3,025	28.8	3,595	26.7
Wood	330	5.5	388	5.2	446	5.0	434	4.1	511	3.8
Paper & Allied	210	3.5	241	3.2	283	3.2	331	3.1	388	2.9
Printing, Publ. & Allied	192	3.2	241	3.2	298	3.3	370	3.5	455	3.4
Primary Metals	292	4.8	375	5.0	513	5.7	676	6.4	793	5.9
Metal Fabricating	339	5.6	443	6.0	575	6.4	666	6.3	810	6.0
Machinery	156	2.6	240	3.2	315	3.5	469	4.4	693	5.2
Transportation Equipment	166	2.8	190	2.6	167	1.9	157	1.5	199	1.5
Non-Metallic Mineral Products	337	5.6	460	6.2	550	6.1	582	5.5	721	5.4
Petroleum & Coal Products	1,151	19.1	1,480	19.0	1,701	19.0	2,069	19.7	3,012	22.4
Chemical & Chemical Products	417	6.9	609	8.2	755	8.5	1,113	10.6	1,472	10.9
Other Manufacturing[1]	377	6.2	409	5.5	513	3.7	628	6.0	788	5.9
TOTAL	6,026	100.0	7,429	100.0	8,940	100.0	10,521	100.0	13,437	100.0

[1] Includes the following industry groups: rubber and plastic products, leather, textiles, knitting, clothing, furniture fixtures, electrical products, and miscellaneous. Miscellaneous category includes scientific and professional equipment, jewelry industries, sporting goods and toy industries, signs and displays.

Although all industries increased their value of shipments between 1977 and 1981, only the petroleum and coal, chemical and chemical products, and machinery industries consistently increased their proportion of the total value of shipments. The other groups either did not change significantly in terms of their share or experienced slight declines.

Table II displays the growth rates of the value of shipments from 1977 to 1981 for each industry group. In 1981, manufacturing output as measured by value of shipments recorded the largest annual growth, 28%, of any year during the period. Overall, manufacturing rebounded from a year of relatively slow growth in 1980, when two industry groups, wood and transportation equipment, experienced negative growth. The machinery industries group displayed the highest growth rate at 48%. However, because of its large contribution to provincial value of shipments, the growth of the petroleum and coal products industries group, second highest with 46%, was the most significant. For this group, the value of shipments growth in 1980-81 was also more than twice its 1979-80 rate of growth.

TABLE II
GROWTH RATE OF VALUE OF SHIPMENTS OF GOODS
OF OWN MANUFACTURE BY INDUSTRY GROUP:
ALBERTA, 1977-1981

	Percent Change				
INDUSTRY GROUP	1977-78	1978-79	1979-80	1980-81	1977-81
Food and Beverages	18	16	7	19	75
Wood	18	15	-3	18	55
Paper & Allied	15	17	17	17	85
Printing, Publ. & Allied	26	24	24	23	137
Primary Metals	28	37	32	17	172
Metal Fabricating	31	30	16	22	139
Machinery	54	31	49	48	344
Transportation Equipment	14	-12	-6	27	20
Non-Metallic Mineral Products	36	20	6	24	114
Petroleum & Coal Products	22	21	22	46	162
Chemical & Chemical Products	46	24	47	32	253
Other Manufacturing[1]	9	25	22	26	109
TOTAL	23	20	18	28	123

[1] See note to Table I.

From 1977 to 1981, the value of shipments for total manufacturing more than doubled, increasing by 123%. The machinery industries, which include agricultural implements and equipment manufacturers of office, store, refrigeration and air conditioning products, exhibited the greatest rate of increase in value of shipments. These industries, however, represented a comparatively small proportion of Alberta's total manufacturing activity. More significant, because of their greater combined contribution to manufacturing activity, was the growth which occurred in the petroleum and coal products, and chemical and chemical products industries. These grew 162% and 253% respectively, and together accounted for over one-third of Alberta's manufacturing output. One industry group, transportation equipment, which is comprised of aircraft, motor vehicle, trailer and parts manufacturers, experienced little growth between 1977 and 1981. Its value of shipments increased by only 20%, compared to the other industries, a relatively weak performance.

Growth rates in value of shipments for the majority of industries were high, primarily because of the impact of inflation. To illustrate the effects of price changes, Table III depicts Alberta industry groups' 1981 current and constant dollar value of shipments, plus comparative growth rates from 1980 to 1981. For further comparison, Ontario and Canada figures are also presented in the table.

The constant dollar (1971) value of shipments statistics were derived using Statistics Canada's deflators for current and constant provincial gross domestic product for each industry. The indexes were applied to the current value of shipments to calculate the constant dollar values.

From 1980 to 1981, the total value of Alberta manufacturing shipments grew 27.7%. Almost two-thirds of this growth was the result of increases in prices rather than volume. Comparing the current and deflated 1971 dollar values reveals that the chemical and chemical products group experienced the most inflation. Its deflated growth rate was less than 1%,

TABLE III
VALUE OF SHIPMENTS (CURRENT AND CONSTANT DOLLARS) OF GOODS OF OWN MANUFACTURE AND GROWTH RATE BY INDUSTRY GROUP: ALBERTA, ONTARIO AND CANADA, 1981

	ALBERTA				ONTARIO				CANADA			
	Value of Shipments		Value of Shipments Constant (1971) Dollars		Value of Shipments		Value of Shipments Constant (1971) Dollars		Value of Shipments		Value of Shipments Constant (1971) Dollars	
INDUSTRY GROUP	$ Millions 1981	% Change 80/81	$ Millions 1981	% Change 80/81	$ Millions 1981	% Change 80/81	$ Millions 1981	% Change 80/81	$ Millions 1981	% Change 80/81	$ Millions 1981	% Change 80/81
Food & Beverages	3,595	18.8	1,479	5.2	12,576	12.5	5,055	0.3	31,842	12.9	12,646	0.2
Wood	511	17.7	189	8.0	1,436	12.6	596	7.6	8,437	0.5	3,486	-0.2
Paper & Allied	388	17.2	130	9.3	5,130	11.5	1,777	5.1	15,729	8.5	5,043	3.1
Printing, Publ. & Allied	455	23.0	221	9.3	3,169	14.4	1,509	5.6	6,464	15.0	3,084	2.5
Primary Metals	793	17.3	305	15.5	8,530	9.6	3,378	-1.8	14,449	6.7	5,587	2.0
Metal Fabricating	810	21.6	329	9.3	6,801	8.8	2,711	-2.2	12,376	5.6	4,948	-6.2
Machinery	693	47.8	275	32.3	5,346	9.5	2,527	4.4	8,689	13.6	3,975	6.3
Transportation Equipment	199	26.8	84	12.0	15,781	13.8	8,856	-7.8	21,681	14.2	10,597	7.1
Non-Metallic Mineral Products	721	23.9	298	5.6	2,071	8.6	920	-3.2	4,769	12.9	2,064	-0.4
Petroleum & Coal Products	3,012	45.6	779	32.5	7,200	47.4	1,488	14.1	20,276	39.5	4,355	15.4
Chemical & Chemical Products	1,472	32.2	424	0.7	7,742	17.6	3,247	5.0	13,190	17.6	5,421	3.3
Other Manufacturing	788	25.5	342	11.8	18,279	12.7	8,219	0.0	33,026	12.1	14,472	-0.2
TOTAL	13,437	27.7	4,795	10.0	94,061	14.4	40,121	-0.1	190,927	13.6	75,911	0.3

Notes:

Constant dollar figures derived using constant (1971) gross domestic product figures found in Statistics Canada publication 61-202, System of National Accounts: Provincial Gross Domestic Product by Industry, 1981.

Value of shipments as per the annual Census of Manufactures. For Alberta as published in Alberta Principal Manufacturing Statistics, Alberta Bureau of Statistics, 1981. For Ontario and Canada as published in Manufacturing Industries of Canada: National and Provincial Areas, Statistics Canada, Catalogue No. 31-203, 1982.

Other manufacturing as per Table I.

compared to 32.2% growth measured in current dollars. Least affected by inflation, from 1980 to 1981, was the primary metals industry group. Its deflated rate of growth was 15.5%, only slightly less than its current value rate of growth of 17.3%.

Although Alberta's manufacturing sector was somewhat overshadowed by that of the rest of Canada, and in particular Ontario, in terms of industry performance, Alberta's manufacturing sector exhibited stronger overall growth than Ontario or Canada. The annual growth rate of total manufacturing shipments in Alberta was about twice that recorded in Ontario and Canada. Excluding the petroleum and coal products industry, Alberta's low growth industries out-performed the high growth industries in Ontario and Canada. Generally, the pattern exhibited in Alberta regarding weak and strong performing industries was similar to that experienced nationally and in Ontario.

When the annual rates of growth are deflated, Alberta's relatively strong performance is even more noticeable. Nationally and in Ontario there were numerous industries that experienced constant dollar declines in their value of shipments. Alberta recorded an annual deflated growth rate of 10% as compared to almost no real growth experienced by Ontario and Canada. This strong performance in Alberta's manufacturing sector was consistent with the province's overall strong economic performance in 1981.

The increased manufacturing output was distributed throughout Alberta. Table IV shows the distribution of the value of manufacturing shipments from 1977 to 1981 for five major Alberta cities.

From 1977 to 1981 the share of the province's total value of shipments originating from the five major centres exhibited little change, moving from 84.3% to 82.7%. However, all increased their total value of shipments in absolute terms. The distribution of shipments amongst the five cities changed slightly. Manufacturing activity increased its concentration

TABLE IV
VALUE OF SHIPMENTS OF GOODS OF OWN MANUFACTURE FOR
MAJOR CITIES: ALBERTA, 1977-1981

CITY	1977 Value of Shipments	1977 Share of Total	1978 Value of Shipments	1978 Share of Total	1979 Value of Shipments	1979 Share of Total	1980 Value of Shipments	1980 Share of Total	1981 Value of Shipments	1981 Share of Total
	$ millions	%	$ millions	%	$ millions	%	$ millions	%	$ millions	%
Calgary	1,551	25.7	1,978	26.6	2,214	24.8	2,591	24.6	3,157	23.5
Edmonton (Metro)[1]	2,764	45.9	3,377	45.5	4,084	45.7	4,871	46.3	6,535	48.6
Lethbridge	418	6.9	481	6.5	630	7.0	642	6.1	713	5.3
Medicine Hat[2]	179	3.0	277	3.7	300	3.4	337	3.2	394	2.9
Red Deer	171	2.8	190	2.6	234	2.6	271	2.6	318	2.4
TOTAL	5,083	84.3	6,303	84.8	7,461	83.5	8,712	82.8	11,117	82.7
ALBERTA TOTAL	6,026	100.0	7,429	100.0	8,940	100.0	10,521	100.0	13,437	100.0

[1] Includes the following municipalities: Edmonton Proper, Fort Saskatchewan, St. Albert, Gibbons, Morinville, Bon Accord, Legal, Strathcona Co. #20, Sturgeon M.D. #99, Alex Reserve #134, and Redwater.

[2] Includes Redcliff.

in Edmonton (metro) from 45.9% of the total value of shipments in 1977 to 48.6% in 1981. Edmonton's increase was offset by decreases in the other cities. From 1980 to 1981, Calgary and Lethbridge experienced the largest declines, with Calgary's share of provincial value of shipments falling to 23.5% from 24.6%, and Lethbridge's dropping to 5.3% from 6.1%.

Table V shows the annual growth rates experienced by the five major cities during the period 1977 to 1981. The 28% growth from 1980 to 1981 experienced by the cities as a group was equal to the growth experienced by the province as a whole. This is not surprising, given that Alberta manufacturing was concentrated for the most part in these centres. Edmonton (metro) was the city to experience the highest rate of growth from 1980 to 1981, increasing 34%. Lethbridge had the lowest growth rate during that period, increasing 11%.

TABLE V
GROWTH RATE OF VALUE OF SHIPMENTS OF GOODS
OF OWN MANUFACTURE FOR MAJOR CITIES:
ALBERTA, 1977-1981

CITY	Percent Change				
	1977-78	1978-79	1979-80	1980-81	1977-81
Calgary	28	12	17	22	104
Edmonton (Metro)[1]	22	20	19	34	136
Lethbridge	15	31	2	11	71
Medicine Hat[2]	54	8	12	17	120
Red Deer	12	23	16	17	86
TOTAL	24	18	17	28	119
ALBERTA TOTAL	23	20	18	28	123

1 See note to Table IV.
2 Includes Redcliff.

From 1977 to 1980, overall, growth slowed in the five cities. Medicine Hat, after experiencing a surge of growth in 1978 of 54%, attributable mainly to the development of its petrochemical industries, experienced reduced growth in the subsequent two years. Lethbridge demonstrated a similar pattern of high growth followed by a year of little growth. After a 31% increase in 1979, the following year it recorded only a 2% increase. All five centres improved their growth rates from 1980 to 1981.

A comparison of the value of shipments in 1977 and 1981 reveals that three cities more than doubled their shipments during the period. Edmonton (metro) had the most growth with 136%. Medicine Hat and Calgary, the other two cities, recorded growth rates of 120% and 104%.

Table VI depicts the manufacturing sector's contribution to Alberta's gross domestic product (GDP) from 1977 to 1981. Alberta's GDP at factor cost was $44.3 billion in 1981, with the manufacturing sector accounting for 8% (Alberta Bureau of Statistics, Alberta Economic Accounts, 1983). Manufacturing ranked sixth in terms of contribution to provincial GDP. The mining sector ranked first, contributing $9.5 billion, 21.4% of provincial GDP.

TABLE VI
CONTRIBUTION OF MANUFACTURING INDUSTRY
TO GROSS DOMESTIC PRODUCT (GDP):
ALBERTA, 1977-1981

Year	GDP ($ Millions)	Manufacturing ($ Millions)	Manufacturing as % of GDP
1977	22,735	1,665	7.3
1978	26,781	1,983	7.4
1979	32,773	2,465	7.5
1980	39,080	2,860	7.3
1981	44,319	3,556	8.0

Notes: GDP is measured at factor cost. Manufacturing activity is as measured in the Economic Accounts, approximating value added, rather than as measured by the much larger value of shipments.

Source: Alberta Bureau of Statistics, Alberta Economic Accounts, Table 13, 1983.

As compared to other sectors, Alberta manufacturing industries' growth from 1980 to 1981, as measured in terms of GDP, was very favourable. Its growth rate was exceeded only by that of the utilities and communications sectors.

Manufacturing industries' contribution to GDP rose in 1981 to 8%, up from an average of 7.4% held during the previous four years. Since 1977, as measured by the economic accounts, the manufacturing sector grew by 114%, from $1.7 billion to $3.5 billion. This exceeded the provincial growth in GDP of 95% over the period, and represented the second highest growth rate among industries during that time.

Table VII depicts employment in manufacturing in Alberta. Manufacturing employment grew steadily from 67,634 in 1977 to 86,356 in 1981, a growth of 28%. Despite this rate of growth, manufacturing employment did not increase as a proportion of total provincial employment. In fact, the proportion decreased slightly from 7.7% to 7.5%. This decline is likely the result of two factors. First, Alberta's manufacturing sector is capital intensive rather than labour intensive. As such, growth in manufacturing

TABLE VII
CONTRIBUTION OF MANUFACTURING EMPLOYMENT
TO TOTAL EMPLOYMENT: ALBERTA, 1977-1981

Year	Total Employment[1]	Manufacturing Employment[2]	Manufacturing Employment as % of Total Employment
1977	880,000	67,634	7.7
1978	937,000	73,669	7.9
1979	1,007,000	77,345	7.7
1980	1,078,000	81,206	7.5
1981	1,152,000	86,356	7.5

1 Statistics Canada, Historical Labour Force Statistics, Catalogue No. 71-201, 1983.
2 Alberta Bureau of Statistics, Alberta Principal Manufacturing Statistics, 1981.

would generate proportionately less employment than growth in a more labour-intensive sector such as the service sector. Although manufacturing has experienced strong growth (exceeding the provincial average in terms of GDP), in terms of employment other labour-intensive sectors have experienced higher growth. Consequently, manufacturing employment as a percent of total provincial employment has declined. A second factor is related to the introduction of new labour-saving technology. Manufacturing, being capital intensive, would likely be able to incorporate new technologies more readily than other sectors. This would also contribute to its declining share of employment.

The foregoing analyses present highlights of developments related to manufacturing in Alberta in 1981 and over the 1977 to 1981 period. It is hoped that this section has provided some examples of the types of analyses that can be pursued, using the tables in the next section, to gain insight into the structure and performance of Alberta's manufacturing sector.

SECTION B

Principal Manufacturing Statistics by Industry and Geographic Level

TABLE 1
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**2,452**	**68,521**	**17,835**	**86,356**	**1,853,709**	**340,569**	**9,165,443**	**4,165,114**	**13,437,080**
FOOD AND BEVERAGE INDUSTRIES		**377**	**12,857**	**3,856**	**16,713**	**338,434**	**37,798**	**2,825,405**	**733,711**	**3,594,736**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	69	4,987	1,528	6,515	135,276	9,893	1,690,594	218,486	1,915,488
1011	SLAUGHTERING & MEAT PROCESSORS	64	4,672	974	5,646	120,274	8,868	1,619,825	189,191	1,816,153
1012	POULTRY PROCESSORS	5	315	554	869	15,003	1,025	70,769	29,295	99,335
103	FRUIT & VEGETABLE PROCESSING INDS.	7	*	*	*	*	*	*	*	*
1031	FRUIT & VEG. CANNERS & PRESERVERS	5	156	70	226	3,361	498	15,867	6,009	21,580
1032	FROZEN FRUIT & VEGETABLE PROCESSORS	2	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	34	1,802	378	2,180	44,278	5,349	261,683	80,238	346,522
105	FLOUR & BREAKFAST CEREAL PRODUCTS	5	374	68	442	8,296	785	93,775	13,641	107,919
106	FEED INDUSTRY	72	889	114	1,003	18,416	3,617	217,014	45,744	266,753
107	BAKERY PRODUCTS INDUSTRIES	131	*	*	*	*	*	*	*	*
1071	BISCUIT MFRS.	1	*	*	*	*	*	*	*	*
1072	BAKERIES	130	1,105	706	1,811	33,696	1,982	40,823	59,218	102,021
108	MISCELLANEOUS FOOD INDUSTRIES	34	*	*	*	*	*	*	*	*
1081	CONFECTIONERY MFRS.	2	*	*	*	*	*	*	*	*
1082	CANE & BEET SUGAR PROCESSORS	1	*	*	*	*	*	*	*	*
1083	VEGETABLE OIL MILLS	5	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	26	649	386	1,035	19,034	2,707	93,560	59,538	157,081
109	BEVERAGE INDUSTRIES	25	1,997	362	2,359	51,417	6,312	126,206	171,817	295,066
1091	SOFT DRINK MFRS.	14	913	218	1,131	21,346	1,607	59,027	49,346	108,851
1092	DISTILLERIES	3	*	*	*	*	*	*	*	*
1093	BREWERIES	5	827	70	897	22,550	2,174	37,654	83,824	122,211
1094	WINERIES	3	*	*	*	*	*	*	*	*
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**82**	*	*	*	*	*	*	*	*
162	RUBBER PRODUCTS INDUSTRIES	4	*	*	*	*	*	*	*	*
1623	TIRE & TUBE MFRS.	1	*	*	*	*	*	*	*	*
1629	MISCELLANEOUS RUBBER PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
165	PLASTICS FABRICATING INDUSTRY, N.E.S.	58	*	*	*	*	*	*	*	*

TABLE 1 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
LEATHER INDUSTRIES		**14**	**201**	**100**	**301**	**4,475**	**147**	**11,836**	**6,011**	**18,729**
172	LEATHER TANNERIES	3	*	*	*	*	*	*	*	*
174	SHOE FACTORIES	1	*	*	*	*	-	*	*	*
175	LEATHER GLOVE FACTORIES	1	*	*	*	*	*	*	*	*
179	LUGGAGE, HANDBAG, ETC. MFRS.	9	*	*	*	*	*	*	*	*
1799	MISC. LEATHER PRODUCTS MFRS.	9	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES		**44**	**407**	**509**	**916**	**16,295**	**1,314**	**65,959**	**41,787**	**108,883**
182	WOOL YARN & CLOTH MILLS	1	*	*	*	*	-	*	*	*
183	MAN-MADE FIBRE, YARN & CLOTH MILLS	1	*	*	*	*	*	*	*	*
1831	FIBRE & FILAMENT YARN MFRS.	1	*	*	*	*	*	*	*	*
184	CORDAGE & TWINE INDUSTRY	1	*	*	*	*	-	*	*	*
186	CARPET, MAT & RUG INDUSTRY	1	*	*	*	*	*	*	*	*
187	CANVAS PRODUCTS, COTTON & JUTE BAGS	11	*	*	*	*	*	*	*	*
1871	COTTON & JUTE BAGS MFRS.	2	*	*	*	*	*	*	*	*
1872	CANVAS PRODUCTS MFRS.	9	73	152	225	3,889	105	7,873	5,918	14,046
189	MISCELLANEOUS TEXTILE INDUSTRIES	29	*	*	*	*	*	*	*	*
1893	EMBROIDERY, PLEATING & HEMSTITCHING	4	*	*	*	*	*	*	*	*
1894	TEXTILE DYEING & FINISHING PLANTS	3	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	22	77	176	253	3,784	91	6,855	4,937	11,888
KNITTING MILLS		**2**	*	*	*	*	*	*	*	*
239	KNITTING MILLS (EXCEPT HOSIERY MILLS)	2	*	*	*	*	*	*	*	*
2392	OTHER KNITTING MILLS	2	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES		**33**	**288**	**1,691**	**1,979**	**28,465**	*	**44,858**	**48,237**	**90,504**
243	MEN'S CLOTHING INDUSTRIES	22	*	*	*	*	*	*	*	*
2431	MEN'S CLOTHING FACTORIES	21	226	1,382	1,608	23,938	404	37,880	40,632	76,482
2432	MEN'S CLOTHING CONTRACTORS	1	*	*	*	*	*	*	*	*
244	WOMEN'S CLOTHING INDUSTRIES	4	*	*	*	*	*	*	*	*
2441	WOMEN'S CLOTHING FACTORIES	4	*	*	*	*	*	*	*	*
246	FUR GOODS INDUSTRY	3	*	*	*	*	*	*	*	*
249	MISCELLANEOUS CLOTHING INDUSTRIES	4	25	83	108	1,276	*	3,245	2,080	5,131
2492	HAT & CAP INDUSTRY	2	*	*	*	*	*	*	*	*
2499	MISC. CLOTHING INDS., N.E.S.	2	*	*	*	*	-	*	*	*

TABLE 1 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
	WOOD INDUSTRIES	**218**	**6,008**	**896**	**6,904**	**142,888**	*	**287,411**	**220,232**	**510,781**
251	SAWMILLS, PLANING & SHINGLE MILLS	51	*	*	*	*	*	*	*	*
2511	SHINGLE MILLS	1	*	*	*	*	*	*	*	*
2513	SAWMILLS & PLANING MILLS	50	2,233	241	2,474	53,675	7,438	108,586	60,443	170,678
252	VENEER & PLYWOOD MILLS	4	291	100	391	8,957	1,521	21,399	18,740	40,886
254	SASH, DOOR & OTHER MILLWORK PLANTS	126	3,029	480	3,509	70,055	2,096	134,797	121,632	255,997
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	58	889	130	1,019	20,444	847	42,900	41,850	84,682
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	17	1,415	192	1,607	34,023	818	75,588	49,608	124,671
2544	MFRS. OF WOODEN KITCHEN CABINETS	51	725	158	883	15,587	432	16,309	30,175	46,643
256	WOODEN BOX FACTORIES	8	*	*	*	*	*	*	*	*
258	COFFIN & CASKET INDUSTRY	4	13	12	25	370	16	566	961	1,527
259	MISCELLANEOUS WOOD INDUSTRIES	25	354	54	408	8,108	1,593	18,489	15,795	35,305
2591	WOOD PRESERVATION INDUSTRY	9	179	14	193	3,786	689	12,637	10,174	23,789
2593	MFRS. OF PARTICLE BOARD	1	*	*	*	*	*	*	*	*
2599	MISC. WOOD INDUSTRIES, N.E.S.	15	*	*	*	*	*	*	*	*
	FURNITURE & FIXTURE INDUSTRIES	**155**	**1,656**	**585**	**2,241**	**36,876**	**988**	**61,112**	**63,796**	**124,287**
261	HOUSEHOLD FURNITURE MFRS.	113	800	319	1,119	15,061	448	27,305	24,492	52,079
2611	FURNITURE RE-UPHOLSTERY & REPAIR	78	260	93	353	4,216	-	6,917	5,879	12,796
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	35	540	226	766	10,845	448	20,388	18,613	39,283
264	OFFICE FURNITURE MFRS	13	420	135	555	10,147	294	15,425	21,375	36,215
266	MISC. FURNITURE & FIXTURE MFRS.	29	431	129	560	10,562	256	18,382	17,929	35,993
	PAPER & ALLIED INDUSTRIES	**35**	**2,029**	**470**	**2,499**	**60,975**	**14,344**	**210,203**	**169,032**	**357,504**
271	PULP & PAPER MILLS	5	1,039	143	1,182	34,474	11,944	107,998	96,630	211,911
272	ASPHALT ROOFING MFRS.	3	175	24	199	4,403	1,133	35,297	29,725	65,297
273	PAPER BOX & BAG MFRS.	18	*	*	*	*	*	*	*	*
2731	FOLDING CARTON & SET-UP BOX MFRS.	1	*	*	*	*	*	*	*	*
2732	CORRUGATED BOX MFRS.	8	380	88	468	10,279	*	34,181	19,600	54,131
2733	PAPER & PLASTIC BAG MFRS.	9	308	180	488	9,007	529	26,633	14,628	41,569
274	MISCELLANEOUS PAPER CONVERTERS	9	*	*	*	*	*	*	*	*
	PRINTING, PUBLISHING & ALLIED INDS.	**363**	**4,963**	**2,900**	**7,863**	**154,784**	**2,828**	**154,024**	**297,901**	**454,584**
286	COMMERCIAL PRINTING	211	2,319	1,018	3,337	67,242	1,282	78,909	114,306	194,472
287	PLATEMAKING, TYPESETTING, ETC. IND.	29	234	197	431	7,927	132	4,977	11,346	16,378
288	PUBLISHING ONLY	50	178	196	374	5,910	-	8,685	8,982	17,613
289	PUBLISHING & PRINTING	73	2,232	1,489	3,721	73,705	1,412	61,453	163,266	226,131

TABLE 1 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
	PRIMARY METAL INDUSTRIES	**29**	**4,095**	**339**	**4,434**	**108,839**	**21,541**	**519,297**	**277,250**	**793,136**
291	IRON & STEEL MILLS	4	*	*	*	*	*	*	*	*
292	STEEL PIPE & TUBE MILLS	4	1,366	79	1,445	34,752	1,762	289,472	89,779	364,540
294	IRON FOUNDRIES	6	522	19	541	11,300	1,096	16,442	26,821	42,910
295	SMELTING & REFINING	1	*	*	*	*	*	*	*	*
296	ALUMINUM ROLLING, CASTING & EXTRUDING	6	*	*	*	*	*	*	*	*
297	COPPER ROLLING, CASTING & EXTRUDING	1	*	*	*	*	-	*	*	*
298	METAL ROLLING, CASTING, ETC., N.E.S.	7	*	*	*	*	*	*	*	*
	METAL FABRICATING INDUSTRIES	**382**	**9,334**	**1,160**	**10,494**	**224,685**	**7,731**	**397,981**	**438,281**	**810,190**
301	BOILER & PLATE WORKS	15	985	74	1,059	23,838	1,539	40,464	36,176	77,052
302	FABRICATED STRUCTURAL METAL INDUSTRY	34	2,015	188	2,203	51,974	1,394	72,809	108,812	156,307
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	77	1,486	336	1,822	35,588	1,131	68,398	59,843	127,737
3031	METAL DOOR & WINDOW MFRS.	30	870	272	1,142	20,334	670	41,450	32,265	73,966
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	47	616	64	680	15,253	461	26,948	27,578	53,771
304	METAL STAMPING, PRESSING & COATING	70	1,572	225	1,797	36,474	1,673	102,034	94,618	198,517
3041	METAL COATING INDUSTRY	18	550	46	596	12,516	936	12,916	33,132	47,119
3042	METAL STAMPING & PRESSING INDUSTRY	52	1,022	179	1,201	23,958	737	89,118	61,486	151,398
305	WIRE & WIRE PRODUCTS MFRS.	11	*	*	*	*	*	*	*	*
3051	UPHOLSTERY AND COIL SPRING INDS.	1	*	*	*	*	-	*	*	*
3059	OTHER WIRE PRODUCTS INDUSTRY	10	359	51	410	8,333	175	19,167	13,521	32,862
306	HARDWARE, TOOL & CUTLERY MFRS.	19	*	*	*	*	*	*	*	*
307	HEATING EQUIPMENT MFRS.	6	306	32	340	6,465	160	9,719	17,489	27,118
308	MACHINE SHOPS	109	1,587	135	1,722	36,589	977	41,629	61,855	101,364
309	MISCELLANEOUS METAL FABRICATING INDS.	41	829	87	916	20,577	649	41,153	41,184	82,036
	MACHINERY INDUSTRIES	**157**	**6,659**	**743**	**7,402**	**174,862**	**5,788**	**360,525**	**340,953**	**693,053**
311	AGRICULTURAL IMPLEMENT INDUSTRY	22	713	87	800	14,531	662	28,774	27,744	56,518
315	MISC. MACHINERY & EQUIPMENT MFRS.	135	5,487	507	5,994	147,098	5,126	331,751	313,209	636,536
	TRANSPORTATION EQUIPMENT INDUSTRIES	**79**	**2,759**	**429**	**3,188**	**66,784**	**1,678**	**110,788**	**90,268**	**199,284**
321	AIRCRAFT & AIRCRAFT PARTS MFRS.	16	589	87	676	14,281	*	11,410	16,113	28,475
324	TRUCK BODY & TRAILER MFRS.	45	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	17	471	64	535	11,664	336	15,180	19,909	34,193
3242	NON-COMMERCIAL TRAILER MFRS.	20	614	190	804	14,955	298	50,694	24,389	73,894
3243	COMMERCIAL TRAILER MFRS.	8	*	*	*	*	*	*	*	*
325	MOTOR VEHICLE PARTS & ACCESS. MFRS.	6	157	15	172	4,019	*	4,637	7,486	12,190

TABLE 1 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
328	BOATBUILDING & REPAIR	7	45	12	57	1,051	*	1,311	2,113	3,394
329	MISCELLANEOUS VEHICLE MFRS.	5	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES		**44**	**1,627**	**1,008**	**2,635**	**51,248**	**1,087**	**100,673**	**83,007**	**177,083**
331	MFRS. OF SMALL ELECTRICAL APPLIANCES	1	*	*	*	*	*	*	*	*
333	MFRS. OF LIGHTING FIXTURES	3	*	*	*	*	*	*	*	*
335	COMMUNICATIONS EQUIPMENT MFRS.	17	437	637	1,074	19,654	140	48,631	43,498	86,985
336	MFRS. ELECTRICAL INDUSTRIAL EQUIPMENT	15	518	204	722	15,764	270	23,483	24,241	45,665
338	MFRS. OF ELECTRIC WIRE & CABLE	4	*	*	*	*	*	*	*	*
339	MFRS. OF MISC. ELECTRICAL PRODUCTS	4	212	47	259	5,195	*	13,448	2,677	16,479
3391	BATTERY MFRS.	2	*	*	*	*	*	*	*	*
3399	MFRS. MISC. ELECTRICAL PRODS. N.E.S	2	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.		**164**	**5,859**	**890**	**6,749**	**160,206**	**41,647**	**302,283**	**378,872**	**721,400**
351	CLAY PRODUCTS MFRS.	16	314	51	365	8,313	1,535	6,358	12,510	19,024
3511	CLAY PRODUCTS MFRS. (DOMESTIC CLAY)	11	*	*	*	*	*	*	*	*
3512	CLAY PRODUCTS MFRS. (IMPORTED CLAY)	5	*	*	*	*	*	*	*	*
352	CEMENT MFRS.	3	*	*	*	*	*	*	*	*
353	STONE PRODUCTS MFRS.	5	56	5	61	939	*	838	2,218	3,073
354	CONCRETE PRODUCTS MFRS.	43	1,806	137	1,943	46,580	3,585	67,889	93,428	162,250
3541	CONCRETE PIPE MFRS.	7	489	38	527	12,921	884	20,704	25,718	48,016
3542	MFRS. STRUCTURAL CONCRETE PRODUCTS	13	909	47	956	23,372	1,117	30,517	47,615	76,750
3549	CONCRETE PRODUCTS MFRS. N.E.S.	23	408	52	460	10,287	1,584	16,669	20,095	37,484
355	READY-MIX CONCRETE MFRS.	75	1,736	231	1,967	46,975	7,098	126,942	84,329	221,718
356	GLASS & GLASS PRODUCTS MFRS.	10	*	*	*	*	*	*	*	*
3561	GLASS MFRS.	1	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	9	32	21	53	764	*	2,328	1,520	3,916
358	LIME MFRS.	2	*	*	*	*	*	*	*	*
359	MISC. NON-METALLIC MINERAL PRODUCTS	10	*	*	*	*	*	*	*	*
3599	MISC. NON-METALLIC MINERAL, N.E.S.	10	910	147	1,057	23,672	6,550	56,957	68,002	131,248
PETROLEUM & COAL PRODUCTS INDUSTRIES		**14**	**1,698**	**443**	**2,139**	**63,313**	**32,882**	**2,821,002**	**256,181**	**3,012,021**
365	PETROLEUM REFINERIES	9	*	*	*	*	*	*	*	*
3651	PETROLEUM REFINING	6	1,542	411	1,953	59,292	*	2,784,162	244,945	2,964,244
3652	MFRS. OF LUBRICATING OILS & GREASES	3	*	*	*	*	*	*	*	*
369	MISC. PETROLEUM & COAL PRODUCTS INDS.	5	*	*	*	*	*	*	*	*

TABLE 1(CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
	CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	**71**	**4,889**	**664**	**5,553**	**139,704**	**154,154**	**750,208**	**609,388**	**1,472,371**
372	MFRS. OF MIXED FERTILIZERS	4	36	5	41	1,090	132	5,449	1,895	7,419
373	MFRS. PLASTICS & SYNTHETIC RESINS	5	*	*	*	*	*	*	*	*
374	MFRS. PHARMACEUTICALS & MEDICINES	3	*	*	*	*	-	*	*	*
375	PAINT & VARNISH MFRS.	2	*	*	*	*	*	*	*	*
376	MFRS. OF SOAPS & CLEANING COMPOUNDS	10	77	31	108	2,080	121	5,163	5,791	11,078
378	MFRS. OF INDUSTRIAL CHEMICALS	17	3,283	452	3,735	106,247	146,617	594,460	535,012	1,235,320
3781	MFRS. OF PIGMENTS & DRY COLOURS	1	*	*	*	*	*	*	*	*
3782	INDUSTRIAL CHEMS. (INORGANIC) N.E.S	9	*	*	*	*	*	*	*	*
3783	INDUSTRIAL CHEMS. (ORGANIC) N.E.S.	7	1,602	260	1,862	54,957	79,794	361,745	398,190	827,615
379	MISCELLANEOUS CHEMICAL INDUSTRIES	30	*	*	*	*	*	*	*	*
3791	MFRS. OF PRINTING INKS	6	*	*	*	*	*	*	*	*
3799	MISC. CHEMICAL INDUSTRIES, N.E.S.	24	892	79	971	12,142	1,627	55,063	46,968	103,538
	MISCELLANEOUS MANUFACTURING INDUSTRIES	**209**	**1,716**	**707**	**2,423**	**46,716**	**687**	**51,258**	**53,371**	**103,849**
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	101	970	400	1,370	25,798	238	29,774	26,939	55,505
3911	INSTRUMENT & RELATED PRODUCTS MFRS.	20	475	154	629	14,087	165	17,888	12,654	29,237
3913	ORTHOPAEDIC & SURGICAL APPLIANCE	5	12	5	17	276	-	437	553	990
3914	OPHTHALMIC GOODS MFRS.	19	157	101	258	4,163	73	6,044	4,312	10,453
3915	DENTAL LABORATORIES	57	326	140	466	7,272	-	5,405	9,420	14,825
392	JEWELLERY & SILVERWARE INDUSTRY	16	48	33	81	1,517	*	2,190	2,223	4,423
393	SPORTING GOODS & TOY INDUSTRIES	8	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	7	48	8	56	1,007	*	2,493	1,276	4,007
3932	TOYS & GAMES MFRS.	1	*	*	*	*	-	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	51	451	119	570	11,818	322	8,084	13,805	22,063
399	MISCELLANEOUS MFG. INDUSTRIES, N.E.S.	33	*	*	*	*	*	*	*	*
3991	BROOM, BRUSH & MOP MFRS.	2	*	*	*	*	-	*	*	*
3994	SOUND RECORDING-MUSICAL INSTRUMENTS	1	*	*	*	*	-	*	*	*
3996	PEN & PENCIL MFRS.	1	*	*	*	*	*	*	*	*
3999	OTHER MISC. MANUFACTURING INDS.	29	153	110	263	3,951	106	7,608	8,642	16,254

TABLE 2
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, CALGARY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**763**	**20,278**	**5,362**	**25,640**	**540,430**	**44,115**	**2,033,107**	**1,164,062**	**3,157,417**
FOOD AND BEVERAGE INDUSTRIES		**85**	**3,777**	**1,125**	**4,902**	**100,981**	**10,880**	**943,381**	**224,208**	**1,171,487**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	14	1,592	453	2,045	42,629	3,472	685,975	77,352	765,058
1011	SLAUGHTERING & MEAT PROCESSORS	13	*	*	*	*	*	*	*	*
1012	POULTRY PROCESSORS	1	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	4	517	89	606	12,983	1,051	50,354	16,411	67,430
105	FLOUR & BREAKFAST CEREAL PRODUCTS	1	*	*	*	*	*	*	*	*
106	FEED INDUSTRY	9	137	17	154	2,488	346	27,480	5,232	33,111
107	BAKERY PRODUCTS INDUSTRIES	37	*	*	*	*	*	*	*	*
1072	BAKERIES	37	*	*	*	*	*	*	*	*
108	MISCELLANEOUS FOOD INDUSTRIES	10	*	*	*	*	*	*	*	*
1081	CONFECTIONERY MFRS.	1	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	9	259	137	396	7,623	2,013	64,966	27,617	96,922
109	BEVERAGE INDUSTRIES	10	687	149	836	18,352	2,733	53,496	67,225	115,999
1091	SOFT DRINK MFRS.	5	*	*	*	*	*	*	*	*
1092	DISTILLERIES	1	*	*	*	*	*	*	*	*
1093	BREWERIES	1	*	*	*	*	*	*	*	*
1094	WINERIES	3	*	*	*	*	*	*	*	*
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**24**	*	*	*	*	*	*	*	*
162	RUBBER PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
1629	MISCELLANEOUS RUBBER PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
166	PLASTICS FABRICATING INDUSTRY, N.E.S.	23	*	*	*	*	*	*	*	*
LEATHER INDUSTRIES		**4**	**74**	**5**	**79**	**1,218**	**31**	**5,273**	**1,771**	**7,101**
172	LEATHER TANNERIES	1	*	*	*	*	*	*	*	*
174	SHOE FACTORIES	1	*	*	*	*	*	*	*	*
179	LUGGAGE, HANDBAG, ETC. MFRS.	2	*	*	*	*	*	*	*	*
1799	MISC. LEATHER PRODUCTS MFRS.	2	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES		**16**	**157**	**210**	**367**	**5,968**	**283**	**37,966**	**11,973**	**48,344**
186	CARPET, MAT & RUG INDUSTRY	1	*	*	*	*	*	*	*	*
187	CANVAS PRODUCTS, COTTON & JUTE BAGS	6	*	*	*	*	*	*	*	*
1871	COTTON & JUTE BAGS MFRS.	2	*	*	*	*	*	*	*	*
1872	CANVAS PRODUCTS MFRS.	4	27	65	92	1,385	29	1,791	1,564	3,310

TABLE 2 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
CALGARY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES				COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL	SALARIES & WAGES				
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
189	MISCELLANEOUS TEXTILE INDUSTRIES	9	*	*	*	*	*	*	*	*
1893	EMBROIDERY, PLEATING & HEMSTITCHING	1	*	*	*	*	*	*	*	*
1894	TEXTILE DYEING & FINISHING PLANTS	2	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	6	*	*	*	*	*	*	*	*
	KNITTING MILLS	1	*	*	*	*	*	*	*	*
239	KNITTING MILLS (EXCEPT HOSIERY MILLS)	1	*	*	*	*	*	*	*	*
2392	OTHER KNITTING MILLS	1	*	*	*	*	*	*	*	*
	CLOTHING INDUSTRIES	13	36	190	226	3,002	14	8,871	5,401	11,841
243	MEN'S CLOTHING INDUSTRIES	7	*	*	*	*	*	*	*	*
2431	MEN'S CLOTHING FACTORIES	7	9	93	102	1,572	1	3,077	2,882	5,733
244	WOMEN'S CLOTHING INDUSTRIES	2	*	*	*	*	*	*	*	*
2441	WOMEN'S CLOTHING FACTORIES	2	*	*	*	*	*	*	*	*
246	FUR GOODS INDUSTRY	2	*	*	*	*	*	*	*	*
249	MISCELLANEOUS CLOTHING INDUSTRIES	2	*	*	*	*	*	*	*	*
2492	HAT & CAP INDUSTRY	1	*	*	*	*	*	*	*	*
2499	MISC. CLOTHING INDS., N.E.S.	1	*	*	*	*	*	*	*	*
	WOOD INDUSTRIES	43	1,401	261	1,662	34,950	*	57,439	65,439	122,003
251	SAWMILLS, PLANING & SHINGLE MILLS	2	*	*	*	*	*	*	*	*
2513	SAWMILLS & PLANING MILLS	2	*	*	*	*	*	*	*	*
254	SASH, DOOR & OTHER MILLWORK PLANTS	33	1,338	236	1,574	33,354	857	54,907	62,395	116,423
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	14	237	22	259	5,404	232	9,177	10,290	19,382
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	6	756	126	882	19,854	444	39,662	35,342	74,282
2544	MFRS. OF WOODEN KITCHEN CABINETS	13	345	88	433	8,096	181	6,068	16,763	22,759
256	WOODEN BOX FACTORIES	2	*	*	*	*	*	*	*	*
258	COFFIN & CASKET INDUSTRY	2	*	*	*	*	*	*	*	*
259	MISCELLANEOUS WOOD INDUSTRIES	4	*	*	*	*	*	*	*	*
2591	WOOD PRESERVATION INDUSTRY	1	*	*	*	*	*	*	*	*
2599	MISC. WOOD INDUSTRIES, N.E.S.	3	*	*	*	*	*	*	*	*
	FURNITURE & FIXTURE INDUSTRIES	80	745	254	999	16,009	333	30,753	27,082	57,870
261	HOUSEHOLD FURNITURE MFRS.	36	368	153	521	7,217	132	13,157	12,119	25,477
2611	FURNITURE RE-UPHOLSTERY & REPAIR	22	125	48	173	2,207	*	3,412	3,038	6,450
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	14	243	105	348	5,009	132	9,745	9,081	19,027

TABLE 2 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
CALGARY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
264	OFFICE FURNITURE MFRS	9	113	19	132	2,369	32	3,983	4,829	8,805
266	MISC. FURNITURE & FIXTURE MFRS.	15	264	82	346	6,423	169	13,612	10,133	23,288
PAPER & ALLIED INDUSTRIES		**16**	**568**	**202**	**770**	**15,841**	**2,008**	**81,889**	**45,841**	**108,562**
271	PULP & PAPER MILLS	1	*	*	*	*	*	*	*	*
272	ASPHALT ROOFING MFRS.	1	*	*	*	*	*	*	*	*
273	PAPER BOX & BAG MFRS.	10	*	*	*	*	*	*	*	*
2732	CORRUGATED BOX MFRS.	3	*	*	*	*	*	*	*	*
2733	PAPER & PLASTIC BAG MFRS.	7	*	*	*	*	*	*	*	*
274	MISCELLANEOUS PAPER CONVERTERS	4	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.		**124**	**2,089**	**1,082**	**3,171**	**87,282**	**949**	**87,484**	**131,404**	**200,004**
286	COMMERCIAL PRINTING	85	1,157	472	1,629	34,250	530	35,964	57,738	94,377
287	PLATEMAKING, TYPESETTING, ETC. IND.	12	97	91	188	3,340	45	2,473	5,113	7,653
288	PUBLISHING ONLY	21	44	58	102	1,845	*	3,593	2,804	6,398
289	PUBLISHING & PRINTING	6	791	461	1,252	27,826	374	25,454	65,748	91,576
PRIMARY METAL INDUSTRIES		**10**	*	*	*	*	*	*	*	*
291	IRON & STEEL MILLS	2	*	*	*	*	*	*	*	*
292	STEEL PIPE & TUBE MILLS	1	*	*	*	*	*	*	*	*
294	IRON FOUNDRIES	2	*	*	*	*	*	*	*	*
296	ALUMINUM ROLLING, CASTING & EXTRUDING	2	*	*	*	*	*	*	*	*
298	METAL ROLLING, CASTING, ETC., N.E.S.	3	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES		**133**	**3,464**	**476**	**3,940**	**83,129**	**2,329**	**145,787**	**192,430**	**323,213**
301	BOILER & PLATE WORKS	6	391	24	415	9,729	352	16,846	18,195	34,788
302	FABRICATED STRUCTURAL METAL INDUSTRY	12	855	81	936	21,045	534	30,369	58,426	72,959
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	31	728	200	928	18,044	599	33,681	33,701	67,309
3031	METAL DOOR & WINDOW MFRS.	11	413	168	581	10,045	410	23,799	19,520	43,455
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	20	315	32	347	7,998	189	9,882	14,182	23,855
304	METAL STAMPING, PRESSING & COATING	24	431	90	521	10,636	285	31,380	39,393	71,169
3041	METAL COATING INDUSTRY	4	*	*	*	*	*	*	*	*
3042	METAL STAMPING & PRESSING INDUSTRY	20	*	*	*	*	*	*	*	*
305	WIRE & WIRE PRODUCTS MFRS.	4	*	*	*	*	*	*	*	*
3051	UPHOLSTERY AND COIL SPRING INDS.	1	*	*	*	*	*	*	*	*
3059	OTHER WIRE PRODUCTS INDUSTRY	3	*	*	*	*	*	*	*	*

TABLE 2 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, CALGARY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
306	HARDWARE, TOOL & CUTLERY MFRS.	9	*	*	*	*	*	*	*	*
307	HEATING EQUIPMENT MFRS.	3	*	*	*	*	*	*	*	*
308	MACHINE SHOPS	30	420	31	451	9,349	261	6,863	13,549	20,319
309	MISCELLANEOUS METAL FABRICATING INDS.	14	298	24	322	7,423	190	13,422	14,106	28,116
MACHINERY INDUSTRIES		**56**	**1,816**	**153**	**1,969**	**46,222**	**1,951**	**120,107**	**96,313**	**210,194**
311	AGRICULTURAL IMPLEMENT INDUSTRY	4	36	8	44	787	18	2,059	1,443	3,499
315	MISC. MACHINERY & EQUIPMENT MFRS.	52	1,780	145	1,925	45,436	1,933	118,048	94,870	206,695
TRANSPORTATION EQUIPMENT INDUSTRIES		**19**	**927**	**82**	**1,009**	**22,156**	**678**	**36,810**	**35,603**	**71,021**
321	AIRCRAFT & AIRCRAFT PARTS MFRS.	7	*	*	*	*	*	*	*	*
324	TRUCK BODY & TRAILER MFRS.	8	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	5	186	26	212	5,006	177	6,610	8,906	14,740
3242	NON-COMMERCIAL TRAILER MFRS.	2	*	*	*	*	*	*	*	*
3243	COMMERCIAL TRAILER MFRS.	1	*	*	*	*	*	*	*	*
325	MOTOR VEHICLE PARTS & ACCESS. MFRS.	2	*	*	*	*	*	*	*	*
329	MISCELLANEOUS VEHICLE MFRS.	2	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES		**24**	**417**	**393**	**810**	**15,461**	**567**	**56,306**	**46,914**	**97,488**
333	MFRS. OF LIGHTING FIXTURES	1	*	*	*	*	*	*	*	*
335	COMMUNICATIONS EQUIPMENT MFRS.	12	190	339	529	10,035	79	37,333	35,704	67,730
336	MFRS. ELECTRICAL INDUSTRIAL EQUIPMENT	5	*	*	*	*	*	*	*	*
338	MFRS. OF ELECTRIC WIRE & CABLE	3	*	*	*	*	*	*	*	*
339	MFRS. OF MISC. ELECTRICAL PRODUCTS	3	*	*	*	*	*	*	*	*
3391	BATTERY MFRS.	2	*	*	*	*	*	*	*	*
3399	MFRS. MISC. ELECTRICAL PRODS. N.E.S	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.		**34**	**1,584**	**195**	**1,779**	**42,955**	**5,078**	**89,233**	**78,942**	**173,827**
351	CLAY PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
3511	CLAY PRODUCTS MFRS. (DOMESTIC CLAY)	3	*	*	*	*	*	*	*	*
353	STONE PRODUCTS MFRS.	2	*	*	*	*	*	*	*	*
354	CONCRETE PRODUCTS MFRS.	17	748	37	785	19,477	1,245	26,788	41,590	67,247
3541	CONCRETE PIPE MFRS.	4	204	10	214	6,180	436	8,948	13,388	23,443
3542	MFRS. STRUCTURAL CONCRETE PRODUCTS	5	438	20	458	10,749	585	11,656	22,453	31,939
3549	CONCRETE PRODUCTS MFRS. N.E.S.	8	106	7	113	2,548	223	6,184	5,750	11,865
355	READY-MIX CONCRETE MFRS.	6	519	130	649	16,404	1,712	37,626	23,026	65,404

TABLE 2(CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
CALGARY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
356	GLASS & GLASS PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
359	MISC. NON-METALLIC MINERAL PRODUCTS	5	*	*	*	*	*	*	*	*
3599	MISC. NON-METALLIC MINERAL, N.E.S.	5	*	*	*	*	*	*	*	*
PETROLEUM & COAL PRODUCTS INDUSTRIES		**4**	*	*	*	*	*	*	*	*
365	PETROLEUM REFINERIES	2	*	*	*	*	*	*	*	*
3651	PETROLEUM REFINING	1	*	*	*	*	*	*	*	*
3652	MFRS. OF LUBRICATING OILS & GREASES	1	*	*	*	*	*	*	*	*
369	MISC. PETROLEUM & COAL PRODUCTS INDS.	2	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES		**18**	**752**	**116**	**868**	**21,215**	**10,320**	**77,032**	**55,043**	**124,328**
372	MFRS. OF MIXED FERTILIZERS	1	*	*	*	*	*	*	*	*
373	MFRS. PLASTICS & SYNTHETIC RESINS	1	*	*	*	*	*	*	*	*
374	MFRS. PHARMACEUTICALS & MEDICINES	1	*	*	*	*	*	*	*	*
376	MFRS. OF SOAPS & CLEANING COMPOUNDS	1	*	*	*	*	*	*	*	*
378	MFRS. OF INDUSTRIAL CHEMICALS	2	*	*	*	*	*	*	*	*
3782	INDUSTRIAL CHEMS. (INORGANIC) N.E.S	2	*	*	*	*	*	*	*	*
379	MISCELLANEOUS CHEMICAL INDUSTRIES	12	*	*	*	*	*	*	*	*
3791	MFRS. OF PRINTING INKS	2	*	*	*	*	*	*	*	*
3799	MISC. CHEMICAL INDUSTRIES, N.E.S.	10	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES		**79**	**656**	**349**	**1,005**	**17,990**	**280**	**29,754**	**26,121**	**54,839**
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	42	405	250	655	11,756	121	22,163	17,401	38,280
3911	INSTRUMENT & RELATED PRODUCTS MFRS.	10	*	*	*	*	*	*	*	*
3913	ORTHOPAEDIC & SURGICAL APPLIANCE	1	*	*	*	*	*	*	*	*
3914	OPHTHALMIC GOODS MFRS.	8	*	*	*	*	*	*	*	*
3915	DENTAL LABORATORIES	23	*	*	*	*	*	*	*	*
392	JEWELLERY & SILVERWARE INDUSTRY	3	*	*	*	*	*	*	*	*
393	SPORTING GOODS & TOY INDUSTRIES	2	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	2	*	*	*	*	*	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	17	*	*	*	*	*	*	*	*
399	MISCELLANEOUS MFG. INDUSTRIES, N.E.S.	15	*	*	*	*	*	*	*	*
3991	BROOM, BRUSH & MOP MFRS.	2	*	*	*	*	*	*	*	*
3994	SOUND RECORDING-MUSICAL INSTRUMENTS	1	*	*	*	*	*	*	*	*
3996	PEN & PENCIL MFRS.	1	*	*	*	*	*	*	*	*
3999	OTHER MISC. MANUFACTURING INDS.	11	*	*	*	*	*	*	*	*

TABLE 3
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
EDMONTON (PROPER), ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**729**	**18,684**	**5,885**	**24,569**	**504,006**	**26,203**	**1,299,286**	**1,042,723**	**2,344,592**
FOOD AND BEVERAGE INDUSTRIES		**74**	**4,241**	**1,440**	**5,681**	**116,425**	**8,778**	**549,662**	**209,164**	**766,530**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	14	*	*	*	*	*	*	*	*
1011	SLAUGHTERING & MEAT PROCESSORS	12	2,008	487	2,495	53,596	2,784	310,984	67,571	382,335
1012	POULTRY PROCESSORS	2	*	*	*	*	*	*	*	*
103	FRUIT & VEGETABLE PROCESSING INDS.	3	*	*	*	*	*	*	*	*
1031	FRUIT & VEG. CANNERS & PRESERVERS	3	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	4	591	146	737	15,187	2,212	113,445	32,644	147,830
106	FEED INDUSTRY	5	90	19	109	2,128	198	19,179	3,202	22,595
107	BAKERY PRODUCTS INDUSTRIES	33	*	*	*	*	*	*	*	*
1071	BISCUIT MFRS.	1	*	*	*	*	*	*	*	*
1072	BAKERIES	32	476	255	731	14,554	1,024	15,148	24,126	40,300
108	MISCELLANEOUS FOOD INDUSTRIES	9	*	*	*	*	*	*	*	*
1081	CONFECTIONERY MFRS.	1	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	8	*	*	*	*	*	*	*	*
109	BEVERAGE INDUSTRIES	6	*	*	*	*	*	*	*	*
1091	SOFT DRINK MFRS.	4	*	*	*	*	*	*	*	*
1093	BREWERIES	2	*	*	*	*	*	*	*	*
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**22**	*	*	*	*	*	*	*	*
162	RUBBER PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
1629	MISCELLANEOUS RUBBER PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
165	PLASTICS FABRICATING INDUSTRY, N.E.S.	21	*	*	*	*	*	*	*	*
LEATHER INDUSTRIES		**5**	*	*	*	*	*	*	*	*
172	LEATHER TANNERIES	1	*	*	*	*	*	*	*	*
175	LEATHER GLOVE FACTORIES	1	*	*	*	*	*	*	*	*
179	LUGGAGE, HANDBAG, ETC. MFRS.	3	*	*	*	*	*	*	*	*
1799	MISC. LEATHER PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES		**18**	*	*	*	*	*	*	*	*
184	CORDAGE & TWINE INDUSTRY	1	*	*	*	*	*	*	*	*
187	CANVAS PRODUCTS, COTTON & JUTE BAGS	4	*	*	*	*	*	*	*	*
1872	CANVAS PRODUCTS MFRS.	4	*	*	*	*	*	*	*	*
189	MISCELLANEOUS TEXTILE INDUSTRIES	11	*	*	*	*	*	*	*	*

TABLE 3 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, EDMONTON (PROPER), ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
1893	EMBROIDERY, PLEATING & HEMSTITCHING	2	*	*	*	*	*	*	*	*
1894	TEXTILE DYEING & FINISHING PLANTS	1	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	8	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES		**14**	**239**	**1,424**	**1,663**	**24,550**	*	**36,892**	**41,991**	**77,018**
243	MEN'S CLOTHING INDUSTRIES	10	*	*	*	*	*	*	*	*
2431	MEN'S CLOTHING FACTORIES	10	*	*	*	*	*	*	*	*
244	WOMEN'S CLOTHING INDUSTRIES	2	*	*	*	*	*	*	*	*
2441	WOMEN'S CLOTHING FACTORIES	2	*	*	*	*	*	*	*	*
246	FUR GOODS INDUSTRY	1	*	*	*	*	*	*	*	*
249	MISCELLANEOUS CLOTHING INDUSTRIES	1	*	*	*	*	*	*	*	*
2492	HAT & CAP INDUSTRY	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES		**51**	**1,028**	**188**	**1,216**	**23,550**	*	**50,896**	**53,990**	**105,669**
252	VENEER & PLYWOOD MILLS	1	*	*	*	*	*	*	*	*
254	SASH, DOOR & OTHER MILLWORK PLANTS	41	847	123	970	18,392	590	33,926	39,288	72,971
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	21	405	46	451	9,503	284	20,592	19,996	40,402
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	3	157	20	177	3,134	88	5,332	8,335	13,416
2544	MFRS. OF WOODEN KITCHEN CABINETS	17	285	57	342	5,755	218	8,001	10,958	19,153
256	WOODEN BOX FACTORIES	2	*	*	*	*	*	*	*	*
258	COFFIN & CASKET INDUSTRY	1	*	*	*	*	*	*	*	*
259	MISCELLANEOUS WOOD INDUSTRIES	6	*	*	*	*	*	*	*	*
2591	WOOD PRESERVATION INDUSTRY	1	*	*	*	*	*	*	*	*
2599	MISC. WOOD INDUSTRIES, N.E.S.	5	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES		**53**	**673**	**235**	**908**	**15,180**	**492**	**22,980**	**31,001**	**53,672**
261	HOUSEHOLD FURNITURE MFRS.	37	215	78	293	3,934	143	6,877	6,744	13,750
2611	FURNITURE RE-UPHOLSTERY & REPAIR	26	56	16	72	867	*	1,614	1,055	2,669
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	11	159	62	221	3,066	143	5,263	5,689	11,081
264	OFFICE FURNITURE MFRS	4	299	113	412	7,354	262	11,441	16,545	27,409
266	MISC. FURNITURE & FIXTURE MFRS.	12	159	44	203	3,893	87	4,661	7,712	12,513
PAPER & ALLIED INDUSTRIES		**11**	*	*	*	*	*	*	*	*
273	PAPER BOX & BAG MFRS.	6	*	*	*	*	*	*	*	*
2731	FOLDING CARTON & SET-UP BOX MFRS.	1	*	*	*	*	*	*	*	*
2732	CORRUGATED BOX MFRS.	3	*	*	*	*	*	*	*	*

TABLE 3 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, EDMONTON (PROPER), ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
2733	PAPER & PLASTIC BAG MFRS.	2	*	*	*	*	*	*	*	*
274	MISCELLANEOUS PAPER CONVERTERS	5	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.		**117**	**1,789**	**1,024**	**2,793**	**55,884**	**1,401**	**83,315**	**117,703**	**182,122**
286	COMMERCIAL PRINTING	80	866	391	1,257	24,236	600	33,989	44,295	78,744
287	PLATEMAKING, TYPESETTING, ETC. IND.	17	128	101	229	4,246	88	2,504	6,233	8,725
288	PUBLISHING ONLY	14	*	*	*	*	*	*	*	*
289	PUBLISHING & PRINTING	6	*	*	*	*	*	*	*	*
PRIMARY METAL INDUSTRIES		**12**	*	*	*	*	*	*	*	*
291	IRON & STEEL MILLS	1	*	*	*	*	*	*	*	*
292	STEEL PIPE & TUBE MILLS	1	*	*	*	*	*	*	*	*
294	IRON FOUNDRIES	3	*	*	*	*	*	*	*	*
296	ALUMINUM ROLLING, CASTING & EXTRUDING	3	*	*	*	*	*	*	*	*
297	COPPER ROLLING, CASTING & EXTRUDING	1	*	*	*	*	*	*	*	*
298	METAL ROLLING, CASTING, ETC., N.E.S.	3	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES		**140**	**3,272**	**371**	**3,643**	**78,259**	**2,902**	**148,980**	**184,881**	**304,167**
301	BOILER & PLATE WORKS	3	*	*	*	*	*	*	*	*
302	FABRICATED STRUCTURAL METAL INDUSTRY	10	483	36	519	11,260	342	16,134	29,291	39,500
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	24	*	*	*	*	*	*	*	*
3031	METAL DOOR & WINDOW MFRS.	13	*	*	*	*	*	*	*	*
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	11	*	*	*	*	*	*	*	*
304	METAL STAMPING, PRESSING & COATING	30	*	*	*	*	*	*	*	*
3041	METAL COATING INDUSTRY	13	*	*	*	*	*	*	*	*
3042	METAL STAMPING & PRESSING INDUSTRY	17	380	50	430	8,670	245	33,258	13,647	47,197
305	WIRE & WIRE PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
3059	OTHER WIRE PRODUCTS INDUSTRY	3	*	*	*	*	*	*	*	*
306	HARDWARE, TOOL & CUTLERY MFRS.	5	*	*	*	*	*	*	*	*
307	HEATING EQUIPMENT MFRS.	3	*	*	*	*	*	*	*	*
308	MACHINE SHOPS	45	*	*	*	*	*	*	*	*
309	MISCELLANEOUS METAL FABRICATING INDS.	17	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES		**54**	**2,883**	**233**	**3,116**	**79,358**	**2,532**	**184,394**	**195,603**	**378,824**
311	AGRICULTURAL IMPLEMENT INDUSTRY	1	*	*	*	*	*	*	*	*
315	MISC. MACHINERY & EQUIPMENT MFRS.	53	*	*	*	*	*	*	*	*

TABLE 3 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, EDMONTON (PROPER), ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TRANSPORTATION EQUIPMENT INDUSTRIES		**22**	**478**	**73**	**551**	**11,317**	**436**	**13,930**	**15,077**	**29,893**
321	AIRCRAFT & AIRCRAFT PARTS MFRS.	6	*	*	*	*	*	*	*	*
324	TRUCK BODY & TRAILER MFRS.	11	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	6	*	*	*	*	*	*	*	*
3242	NON-COMMERCIAL TRAILER MFRS.	4	6	0	6	93	*	397	172	569
3243	COMMERCIAL TRAILER MFRS.	1	*	*	*	*	*	*	*	*
325	MOTOR VEHICLE PARTS & ACCESS. MFRS.	3	*	*	*	*	*	*	*	*
329	MISCELLANEOUS VEHICLE MFRS.	2	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES		**12**	**314**	**105**	**419**	**8,518**	**173**	**11,784**	**11,629**	**23,540**
333	MFRS. OF LIGHTING FIXTURES	2	*	*	*	*	*	*	*	*
335	COMMUNICATIONS EQUIPMENT MFRS.	4	*	*	*	*	*	*	*	*
336	MFRS. ELECTRICAL INDUSTRIAL EQUIPMENT	5	158	54	212	4,739	132	7,220	8,863	15,990
339	MFRS. OF MISC. ELECTRICAL PRODUCTS	1	*	*	*	*	*	*	*	*
3399	MFRS. MISC. ELECTRICAL PRODS. N.E.S	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.		**27**	**1,466**	**117**	**1,583**	**36,727**	**4,395**	**74,920**	**78,820**	**158,598**
353	STONE PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
354	CONCRETE PRODUCTS MFRS.	12	774	45	819	19,233	1,745	31,707	42,585	76,309
3541	CONCRETE PIPE MFRS.	1	*	*	*	*	*	*	*	*
3542	MFRS. STRUCTURAL CONCRETE PRODUCTS	5	*	*	*	*	*	*	*	*
3549	CONCRETE PRODUCTS MFRS. N.E.S.	6	*	*	*	*	*	*	*	*
355	READY-MIX CONCRETE MFRS.	6	643	58	701	16,565	2,546	39,652	33,103	75,466
356	GLASS & GLASS PRODUCTS MFRS.	6	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	6	*	*	*	*	*	*	*	*
359	MISC. NON-METALLIC MINERAL PRODUCTS	2	*	*	*	*	*	*	*	*
3599	MISC. NON-METALLIC MINERAL, N.E.S.	2	*	*	*	*	*	*	*	*
PETROLEUM & COAL PRODUCTS INDUSTRIES		**1**	*	*	*	*	*	*	*	*
365	PETROLEUM REFINERIES	1	*	*	*	*	*	*	*	*
3652	MFRS. OF LUBRICATING OILS & GREASES	1	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES		**17**	**158**	**54**	**212**	**4,400**	**260**	**17,102**	**21,113**	**38,337**
373	MFRS. PLASTICS & SYNTHETIC RESINS	1	*	*	*	*	*	*	*	*
375	PAINT & VARNISH MFRS.	2	*	*	*	*	*	*	*	*
376	MFRS. OF SOAPS & CLEANING COMPOUNDS	5	*	*	*	*	*	*	*	*

TABLE 3(CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, EDMONTON (PROPER), ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
379	MISCELLANEOUS CHEMICAL INDUSTRIES	9	77	15	92	1,982	73	4,618	13,273	17,839
3791	MFRS. OF PRINTING INKS	4	25	8	33	668	36	1,699	1,856	3,518
3799	MISC. CHEMICAL INDUSTRIES, N.E.S.	5	52	7	59	1,314	37	2,919	11,417	14,321
MISCELLANEOUS MANUFACTURING INDUSTRIES		**81**	**595**	**203**	**798**	**14,543**	**320**	**18,801**	**20,783**	**37,797**
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	38	*	*	*	*	*	*	*	*
3911	INSTRUMENT & RELATED PRODUCTS MFRS.	8	78	9	87	1,725	61	1,841	3,352	5,212
3913	ORTHOPAEDIC & SURGICAL APPLIANCE	4	*	*	*	*	*	*	*	*
3914	OPHTHALMIC GOODS MFRS.	7	*	*	*	*	*	*	*	*
3915	DENTAL LABORATORIES	19	*	*	*	*	*	*	*	*
392	JEWELLERY & SILVERWARE INDUSTRY	10	29	18	47	937	*	1,249	1,275	2,526
393	SPORTING GOODS & TOY INDUSTRIES	2	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	1	*	*	*	*	*	*	*	*
3932	TOYS & GAMES MFRS.	1	*	*	*	*	*	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	20	214	58	272	5,848	158	3,950	6,419	10,518
399	MISCELLANEOUS MFG. INDUSTRIES, N.E.S.	11	77	41	118	1,827	54	5,266	5,060	10,321
3999	OTHER MISC. MANUFACTURING INDS.	11	77	41	118	1,827	54	5,266	5,060	10,321

TABLE 4
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, EDMONTON (METRO), ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**844**	**26,170**	**6,881**	**33,051**	**731,723**	**143,004**	**4,666,371**	**1,881,199**	**6,534,852**
FOOD AND BEVERAGE INDUSTRIES		**88**	**4,525**	**1,505**	**6,030**	**123,399**	**10,613**	**628,215**	**232,516**	**872,243**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	15	2,279	828	3,107	64,257	4,150	359,868	89,697	453,044
1011	SLAUGHTERING & MEAT PROCESSORS	13	*	*	*	*	*	*	*	*
1012	POULTRY PROCESSORS	2	*	*	*	*	*	*	*	*
103	FRUIT & VEGETABLE PROCESSING INDS.	3	*	*	*	*	*	*	*	*
1031	FRUIT & VEG. CANNERS & PRESERVERS	3	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	4	591	146	737	15,187	2,212	113,445	32,644	147,830
106	FEED INDUSTRY	9	149	22	171	3,348	501	32,156	6,837	39,621
107	BAKERY PRODUCTS INDUSTRIES	39	*	*	*	*	*	*	*	*
1071	BISCUIT MFRS.	1	*	*	*	*	*	*	*	*
1072	BAKERIES	38	494	279	773	15,149	1,024	15,838	25,103	41,967
108	MISCELLANEOUS FOOD INDUSTRIES	11	*	*	*	*	*	*	*	*
1081	CONFECTIONERY MFRS.	1	*	*	*	*	*	*	*	*
1083	VEGETABLE OIL MILLS	1	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	9	*	*	*	*	*	*	*	*
109	BEVERAGE INDUSTRIES	7	833	102	935	20,221	1,851	46,330	62,707	109,834
1091	SOFT DRINK MFRS.	5	*	*	*	*	*	*	*	*
1093	BREWERIES	2	*	*	*	*	*	*	*	*
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**28**	*	*	*	*	*	*	*	*
162	RUBBER PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
1629	MISCELLANEOUS RUBBER PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
165	PLASTICS FABRICATING INDUSTRY, N.E.S.	27	*	*	*	*	*	*	*	*
LEATHER INDUSTRIES		**5**	*	*	*	*	*	*	*	*
172	LEATHER TANNERIES	1	*	*	*	*	*	*	*	*
175	LEATHER GLOVE FACTORIES	1	*	*	*	*	*	*	*	*
179	LUGGAGE, HANDBAG, ETC. MFRS.	3	*	*	*	*	*	*	*	*
1799	MISC. LEATHER PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES		**18**	**162**	**171**	**333**	**6,662**	**982**	**22,408**	**26,279**	**49,082**
183	MAN-MADE FIBRE, YARN & CLOTH MILLS	1	*	*	*	*	*	*	*	*
1831	FIBRE & FILAMENT YARN MFRS.	1	*	*	*	*	*	*	*	*
184	CORDAGE & TWINE INDUSTRY	1	*	*	*	*	*	*	*	*

TABLE 4 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
EDMONTON (METRO), ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
187	CANVAS PRODUCTS, COTTON & JUTE BAGS	4	*	*	*	*	*	*	*	*
1872	CANVAS PRODUCTS MFRS.	4	*	*	*	*	*	*	*	*
189	MISCELLANEOUS TEXTILE INDUSTRIES	12	*	*	*	*	*	*	*	*
1893	EMBROIDERY, PLEATING & HEMSTITCHING	3	*	*	*	*	*	*	*	*
1894	TEXTILE DYEING & FINISHING PLANTS	1	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	8	20	53	73	1,030	35	2,003	1,502	3,573
CLOTHING INDUSTRIES		**14**	**239**	**1,424**	**1,663**	**24,550**	*	**38,892**	**41,991**	**77,018**
243	MEN'S CLOTHING INDUSTRIES	10	*	*	*	*	*	*	*	*
2431	MEN'S CLOTHING FACTORIES	10	*	*	*	*	*	*	*	*
244	WOMEN'S CLOTHING INDUSTRIES	2	*	*	*	*	*	*	*	*
2441	WOMEN'S CLOTHING FACTORIES	2	*	*	*	*	*	*	*	*
246	FUR GOODS INDUSTRY	1	*	*	*	*	*	*	*	*
249	MISCELLANEOUS CLOTHING INDUSTRIES	1	*	*	*	*	*	*	*	*
2492	HAT & CAP INDUSTRY	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES		**59**	**1,078**	**190**	**1,268**	**24,509**	*	**52,145**	**55,497**	**108,829**
252	VENEER & PLYWOOD MILLS	1	*	*	*	*	*	*	*	*
254	SASH, DOOR & OTHER MILLWORK PLANTS	48	891	125	1,016	19,285	606	35,051	40,713	75,607
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	23	433	47	480	10,109	300	21,259	21,098	42,257
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	4	158	20	178	3,140	88	5,363	8,324	13,437
2544	MFRS. OF WOODEN KITCHEN CABINETS	21	300	58	358	6,037	218	8,429	11,291	19,913
256	WOODEN BOX FACTORIES	3	*	*	*	*	*	*	*	*
258	COFFIN & CASKET INDUSTRY	1	*	*	*	*	*	*	*	*
259	MISCELLANEOUS WOOD INDUSTRIES	6	*	*	*	*	*	*	*	*
2591	WOOD PRESERVATION INDUSTRY	1	*	*	*	*	*	*	*	*
2599	MISC. WOOD INDUSTRIES, N.E.S.	5	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES		**56**	**681**	**237**	**918**	**15,315**	**501**	**23,071**	**31,176**	**53,935**
261	HOUSEHOLD FURNITURE MFRS.	39	*	*	*	*	*	*	*	*
2611	FURNITURE RE-UPHOLSTERY & REPAIR	26	56	16	72	867	*	1,614	1,055	2,669
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	13	*	*	*	*	*	*	*	*
264	OFFICE FURNITURE MFRS	4	299	113	412	7,354	262	11,441	16,545	27,409
266	MISC. FURNITURE & FIXTURE MFRS.	13	*	*	*	*	*	*	*	*

TABLE 4 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
EDMONTON (METRO), ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
PAPER & ALLIED INDUSTRIES		**14**	**482**	**132**	**614**	**12,419**	**1,546**	**39,210**	**27,090**	**67,598**
271	PULP & PAPER MILLS	1	*	*	*	*	*	*	*	*
272	ASPHALT ROOFING MFRS.	1	*	*	*	*	*	*	*	*
273	PAPER BOX & BAG MFRS.	7	*	*	*	*	*	*	*	*
2731	FOLDING CARTON & SET-UP BOX MFRS.	1	*	*	*	*	*	*	*	*
2732	CORRUGATED BOX MFRS.	4	173	38	211	4,793	*	15,596	9,074	24,938
2733	PAPER & PLASTIC BAG MFRS.	2	*	*	*	*	*	*	*	*
274	MISCELLANEOUS PAPER CONVERTERS	5	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.		**125**	**1,821**	**1,070**	**2,891**	**57,403**	**1,427**	**64,275**	**120,260**	**185,666**
286	COMMERCIAL PRINTING	86	890	396	1,286	24,703	611	34,449	45,199	80,118
287	PLATEMAKING, TYPESETTING, ETC. IND.	17	128	101	229	4,246	88	2,504	6,233	8,725
288	PUBLISHING ONLY	15	*	*	*	*	*	*	*	*
289	PUBLISHING & PRINTING	7	*	*	*	*	*	*	*	*
PRIMARY METAL INDUSTRIES		**14**	**2,375**	**205**	**2,580**	**63,767**	**16,730**	**236,869**	**167,796**	**412,332**
291	IRON & STEEL MILLS	2	*	*	*	*	*	*	*	*
292	STEEL PIPE & TUBE MILLS	1	*	*	*	*	*	*	*	*
294	IRON FOUNDRIES	3	*	*	*	*	*	*	*	*
295	SMELTING & REFINING	1	*	*	*	*	*	*	*	*
296	ALUMINUM ROLLING, CASTING & EXTRUDING	3	*	*	*	*	*	*	*	*
297	COPPER ROLLING, CASTING & EXTRUDING	1	*	*	*	*	*	*	*	*
298	METAL ROLLING, CASTING, ETC., N.E.S.	3	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES		**158**	**4,006**	**458**	**4,464**	**98,010**	**3,621**	**182,922**	**189,998**	**381,026**
301	BOILER & PLATE WORKS	4	134	10	144	3,885	138	5,209	3,859	8,735
302	FABRICATED STRUCTURAL METAL INDUSTRY	14	994	92	1,086	26,653	788	35,345	43,557	69,267
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	26	402	91	493	9,051	397	21,831	17,367	39,410
3031	METAL DOOR & WINDOW MFRS.	14	295	81	376	6,306	260	16,469	12,072	28,656
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	12	107	10	117	2,745	137	5,362	5,295	10,755
304	METAL STAMPING, PRESSING & COATING	33	868	93	961	19,767	1,141	49,148	43,624	93,851
3041	METAL COATING INDUSTRY	13	*	*	*	*	*	*	*	*
3042	METAL STAMPING & PRESSING INDUSTRY	20	*	*	*	*	*	*	*	*
305	WIRE & WIRE PRODUCTS MFRS.	5	*	*	*	*	*	*	*	*
3059	OTHER WIRE PRODUCTS INDUSTRY	5	*	*	*	*	*	*	*	*
306	HARDWARE, TOOL & CUTLERY MFRS.	5	*	*	*	*	*	*	*	*
307	HEATING EQUIPMENT MFRS.	3	*	*	*	*	*	*	*	*

TABLE 4 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
EDMONTON (METRO), ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
308	MACHINE SHOPS	48	942	83	1,025	22,442	615	30,502	41,030	69,425
309	MISCELLANEOUS METAL FABRICATING INDS.	20	325	36	361	8,675	294	23,786	21,111	44,075
MACHINERY INDUSTRIES		**60**	**2,989**	**244**	**3,233**	**82,214**	**2,617**	**190,676**	**200,857**	**388,513**
311	AGRICULTURAL IMPLEMENT INDUSTRY	2	*	*	*	*	*	*	*	*
315	MISC. MACHINERY & EQUIPMENT MFRS.	58	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES		**26**	**623**	**84**	**707**	**14,601**	**584**	**17,440**	**22,660**	**41,032**
321	AIRCRAFT & AIRCRAFT PARTS MFRS.	7	*	*	*	*	*	*	*	*
324	TRUCK BODY & TRAILER MFRS.	13	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	7	206	27	233	4,807	144	4,738	7,271	11,939
3242	NON-COMMERCIAL TRAILER MFRS.	4	6	0	6	93	*	397	172	569
3243	COMMERCIAL TRAILER MFRS.	2	*	*	*	*	*	*	*	*
325	MOTOR VEHICLE PARTS & ACCESS. MFRS.	3	*	*	*	*	*	*	*	*
328	BOATBUILDING & REPAIR	1	*	*	*	*	*	*	*	*
329	MISCELLANEOUS VEHICLE MFRS.	2	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES		**12**	**314**	**105**	**419**	**8,518**	**173**	**11,784**	**11,628**	**23,540**
333	MFRS. OF LIGHTING FIXTURES	2	*	*	*	*	*	*	*	*
335	COMMUNICATIONS EQUIPMENT MFRS.	4	*	*	*	*	*	*	*	*
336	MFRS. ELECTRICAL INDUSTRIAL EQUIPMENT	5	158	54	212	4,739	132	7,220	8,863	15,990
339	MFRS. OF MISC. ELECTRICAL PRODUCTS	1	*	*	*	*	*	*	*	*
3399	MFRS. MISC. ELECTRICAL PRODS. N.E.S	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.		**34**	**2,044**	**192**	**2,236**	**51,296**	**8,687**	**112,435**	**136,090**	**256,268**
352	CEMENT MFRS.	1	*	*	*	*	*	*	*	*
353	STONE PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
354	CONCRETE PRODUCTS MFRS.	15	891	52	943	21,970	2,196	37,497	48,080	87,667
3541	CONCRETE PIPE MFRS.	2	*	*	*	*	*	*	*	*
3542	MFRS. STRUCTURAL CONCRETE PRODUCTS	6	*	*	*	*	*	*	*	*
3549	CONCRETE PRODUCTS MFRS. N.E.S.	7	*	*	*	*	*	*	*	*
355	READY-MIX CONCRETE MFRS.	7	647	59	706	16,684	2,611	40,681	33,450	76,908
356	GLASS & GLASS PRODUCTS MFRS.	6	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	6	*	*	*	*	*	*	*	*
359	MISC. NON-METALLIC MINERAL PRODUCTS	4	*	*	*	*	*	*	*	*
3599	MISC. NON-METALLIC MINERAL, N.E.S.	4	*	*	*	*	*	*	*	*

TABLE 4(CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, EDMONTON (METRO), ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
PETROLEUM & COAL PRODUCTS INDUSTRIES		**8**	**1,151**	**92**	**1,243**	**39,110**	**27,402**	**2,583,437**	**234,501**	**2,755,081**
365	PETROLEUM REFINERIES	5	*	*	*	*	*	*	*	*
3651	PETROLEUM REFINING	3	*	*	*	*	*	*	*	*
3652	MFRS. OF LUBRICATING OILS & GREASES	2	*	*	*	*	*	*	*	*
369	MISC. PETROLEUM & COAL PRODUCTS INDS.	3	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES		**35**	**2,384**	**362**	**2,746**	**77,773**	**64,290**	**401,898**	**300,922**	**757,432**
372	MFRS. OF MIXED FERTILIZERS	1	*	*	*	*	*	*	*	*
373	MFRS. PLASTICS & SYNTHETIC RESINS	4	*	*	*	*	*	*	*	*
375	PAINT & VARNISH MFRS.	2	*	*	*	*	*	*	*	*
376	MFRS. OF SOAPS & CLEANING COMPOUNDS	7	59	28	87	1,693	120	4,491	5,423	10,034
378	MFRS. OF INDUSTRIAL CHEMICALS	9	1,717	254	1,971	58,389	58,403	298,335	255,201	602,784
3782	INDUSTRIAL CHEMS. (INORGANIC) N.E.S	5	*	*	*	*	*	*	*	*
3783	INDUSTRIAL CHEMS. (ORGANIC) N.E.S.	4	*	*	*	*	*	*	*	*
379	MISCELLANEOUS CHEMICAL INDUSTRIES	12	*	*	*	*	*	*	*	*
3791	MFRS. OF PRINTING INKS	4	*	*	*	*	*	*	*	*
3799	MISC. CHEMICAL INDUSTRIES, N.E.S.	8	103	19	122	2,718	122	11,091	22,568	33,671
MISCELLANEOUS MANUFACTURING INDUSTRIES		**90**	**637**	**214**	**851**	**15,524**	**347**	**17,593**	**22,418**	**40,247**
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	39	275	86	361	5,972	107	6,398	8,205	14,669
3911	INSTRUMENT & RELATED PRODUCTS MFRS.	9	*	*	*	*	*	*	*	*
3913	ORTHOPAEDIC & SURGICAL APPLIANCE	4	*	*	*	*	*	*	*	*
3914	OPHTHALMIC GOODS MFRS.	7	*	*	*	*	*	*	*	*
3915	DENTAL LABORATORIES	19	*	*	*	*	*	*	*	*
392	JEWELLERY & SILVERWARE INDUSTRY	10	29	18	47	937	*	1,249	1,275	2,526
393	SPORTING GOODS & TOY INDUSTRIES	3	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	2	*	*	*	*	*	*	*	*
3932	TOYS & GAMES MFRS.	1	*	*	*	*	*	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	25	251	66	317	6,672	185	4,460	7,815	12,447
399	MISCELLANEOUS MFG. INDUSTRIES, N.E.S.	13	*	*	*	*	*	*	*	*
3999	OTHER MISC. MANUFACTURING INDS.	13	*	*	*	*	*	*	*	*

TABLE 5
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, LETHBRIDGE, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**79**	**2,258**	**799**	**3,057**	**59,365**	**6,919**	**548,455**	**168,259**	**712,998**
FOOD AND BEVERAGE INDUSTRIES		**27**	**1,547**	**406**	**1,953**	**39,776**	**6,030**	**514,934**	**132,033**	**643,192**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	7	*	*	*	*	*	*	*	*
1011	SLAUGHTERING & MEAT PROCESSORS	6	*	*	*	*	*	*	*	*
1012	POULTRY PROCESSORS	1	*	*	*	*	*	*	*	*
103	FRUIT & VEGETABLE PROCESSING INDS.	2	*	*	*	*	*	*	*	*
1032	FROZEN FRUIT & VEGETABLE PROCESSORS	2	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	2	*	*	*	*	*	*	*	*
105	FLOUR & BREAKFAST CEREAL PRODUCTS	1	*	*	*	*	*	*	*	*
106	FEED INDUSTRY	5	85	4	89	1,864	320	35,013	7,316	42,657
107	BAKERY PRODUCTS INDUSTRIES	4	56	24	80	1,359	82	1,664	2,694	4,440
1072	BAKERIES	4	*	*	*	*	*	*	*	*
108	MISCELLANEOUS FOOD INDUSTRIES	3	*	*	*	*	*	*	*	*
1083	VEGETABLE OIL MILLS	1	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	2	*	*	*	*	*	*	*	*
109	BEVERAGE INDUSTRIES	3	*	*	*	*	*	*	*	*
1091	SOFT DRINK MFRS.	1	*	*	*	*	*	*	*	*
1092	DISTILLERIES	1	*	*	*	*	*	*	*	*
1093	BREWERIES	1	*	*	*	*	*	*	*	*
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**1**	*	*	*	*	*	*	*	*
165	PLASTICS FABRICATING INDUSTRY, N.E.S.	1	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES		**2**	*	*	*	*	*	*	*	*
182	WOOL YARN & CLOTH MILLS	1	*	*	*	*	*	*	*	*
189	MISCELLANEOUS TEXTILE INDUSTRIES	1	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES		**5**	*	*	*	*	*	*	*	*
254	SASH, DOOR & OTHER MILLWORK PLANTS	4	*	*	*	*	*	*	*	*
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	3	*	*	*	*	*	*	*	*
2544	MFRS. OF WOODEN KITCHEN CABINETS	1	*	*	*	*	*	*	*	*
259	MISCELLANEOUS WOOD INDUSTRIES	1	*	*	*	*	*	*	*	*
2599	MISC. WOOD INDUSTRIES, N.E.S.	1	*	*	*	*	*	*	*	*

TABLE 5 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, LETHBRIDGE, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
	FURNITURE & FIXTURE INDUSTRIES	**8**	**12**	**4**	**16**	**179**	*	**348**	**250**	**598**
261	HOUSEHOLD FURNITURE MFRS.	8	12	4	16	179	*	348	250	598
2611	FURNITURE RE-UPHOLSTERY & REPAIR	7	*	*	*	*	*	*	*	*
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	1	*	*	*	*	*	*	*	*
	PRINTING, PUBLISHING & ALLIED INDS.	**5**	**137**	**72**	**209**	**4,041**	**126**	**2,581**	**7,956**	**10,661**
286	COMMERCIAL PRINTING	4	*	*	*	*	*	*	*	*
289	PUBLISHING & PRINTING	1	*	*	*	*	*	*	*	*
	PRIMARY METAL INDUSTRIES	**1**	*	*	*	*	*	*	*	*
294	IRON FOUNDRIES	1	*	*	*	*	*	*	*	*
	METAL FABRICATING INDUSTRIES	**11**	**129**	**8**	**137**	**2,619**	**62**	**4,693**	**4,548**	**9,211**
301	BOILER & PLATE WORKS	1	*	*	*	*	*	*	*	*
302	FABRICATED STRUCTURAL METAL INDUSTRY	1	*	*	*	*	*	*	*	*
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	1	*	*	*	*	*	*	*	*
3031	METAL DOOR & WINDOW MFRS.	1	*	*	*	*	*	*	*	*
304	METAL STAMPING, PRESSING & COATING	2	*	*	*	*	*	*	*	*
3042	METAL STAMPING & PRESSING INDUSTRY	2	*	*	*	*	*	*	*	*
306	HARDWARE, TOOL & CUTLERY MFRS.	1	*	*	*	*	*	*	*	*
308	MACHINE SHOPS	2	*	*	*	*	*	*	*	*
309	MISCELLANEOUS METAL FABRICATING INDS.	3	*	*	*	*	*	*	*	*
	MACHINERY INDUSTRIES	**5**	**90**	**6**	**96**	**2,005**	**86**	**3,993**	**3,885**	**7,359**
311	AGRICULTURAL IMPLEMENT INDUSTRY	4	*	*	*	*	*	*	*	*
315	MISC. MACHINERY & EQUIPMENT MFRS.	1	*	*	*	*	*	*	*	*
	TRANSPORTATION EQUIPMENT INDUSTRIES	**2**	*	*	*	*	*	*	*	*
324	TRUCK BODY & TRAILER MFRS.	1	*	*	*	*	*	*	*	*
3242	NON-COMMERCIAL TRAILER MFRS.	1	*	*	*	*	*	*	*	*
328	BOATBUILDING & REPAIR	1	*	*	*	*	*	*	*	*
	ELECTRICAL PRODUCTS INDUSTRIES	**1**	*	*	*	*	*	*	*	*
335	COMMUNICATIONS EQUIPMENT MFRS.	1	*	*	*	*	*	*	*	*

TABLE 5(CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
LETHBRIDGE, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
	NON-METALLIC MINERAL PRODUCTS INDS.	**6**	**85**	**6**	**91**	**1,922**	**285**	**4,781**	**4,834**	**9,879**
354	CONCRETE PRODUCTS MFRS.	2	*	*	*	*	*	*	*	*
3541	CONCRETE PIPE MFRS.	1	*	*	*	*	*	*	*	*
3549	CONCRETE PRODUCTS MFRS. N.E.S.	1	*	*	*	*	*	*	*	*
355	READY-MIX CONCRETE MFRS.	3	*	*	*	*	*	*	*	*
356	GLASS & GLASS PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
	MISCELLANEOUS MANUFACTURING INDUSTRIES	**5**	*	*	*	*	*	*	*	*
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	4	*	*	*	*	*	*	*	*
3914	OPHTHALMIC GOODS MFRS.	1	*	*	*	*	*	*	*	*
3915	DENTAL LABORATORIES	3	*	*	*	*	*	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	1	*	*	*	*	*	*	*	*

TABLE 6
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
MEDICINE HAT & AREA, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**58**	**1,991**	**402**	**2,393**	**51,911**	**48,109**	**184,354**	**176,188**	**394,213**
FOOD AND BEVERAGE INDUSTRIES		**10**	**207**	**45**	**252**	**4,710**	**389**	**48,198**	**9,452**	**57,739**
104	DAIRY PRODUCTS INDUSTRY	1	*	*	*	*	*	*	*	*
105	FLOUR & BREAKFAST CEREAL PRODUCTS	2	*	*	*	*	*	*	*	*
106	FEED INDUSTRY	2	*	*	*	*	*	*	*	*
107	BAKERY PRODUCTS INDUSTRIES	5	*	*	*	*	*	*	*	*
1072	BAKERIES	6	11	16	27	297	*	563	370	932
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**2**	*	*	*	*	*	*	*	*
162	RUBBER PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
1623	TIRE & TUBE MFRS.	1	*	*	*	*	*	*	*	*
165	PLASTICS FABRICATING INDUSTRY, N.E.S.	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES		**4**	*	*	*	*	*	*	*	*
252	VENEER & PLYWOOD MILLS	1	*	*	*	*	*	*	*	*
254	SASH, DOOR & OTHER MILLWORK PLANTS	3	*	*	*	*	*	*	*	*
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	2	*	*	*	*	*	*	*	*
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	1	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES		**3**	*	*	*	*	*	*	*	*
261	HOUSEHOLD FURNITURE MFRS.	3	*	*	*	*	*	*	*	*
2611	FURNITURE RE-UPHOLSTERY & REPAIR	3	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.		**6**	**120**	**50**	**170**	**2,854**	**87**	**2,186**	**6,781**	**9,050**
286	COMMERCIAL PRINTING	5	*	*	*	*	*	*	*	*
289	PUBLISHING & PRINTING	2	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES		**7**	**159**	**11**	**170**	**2,918**	**178**	**4,590**	**5,943**	**10,334**
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	3	22	2	24	393	20	665	679	1,363
3031	METAL DOOR & WINDOW MFRS.	1	*	*	*	*	*	*	*	*
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	2	*	*	*	*	*	*	*	*
304	METAL STAMPING, PRESSING & COATING	2	*	*	*	*	*	*	*	*
3041	METAL COATING INDUSTRY	1	*	*	*	*	*	*	*	*

TABLE 8(CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
MEDICINE HAT & AREA, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
3042	METAL STAMPING & PRESSING INDUSTRY	1	*	*	*	*	*	*	*	*
308	MACHINE SHOPS	1	*	*	*	*	*	*	*	*
309	MISCELLANEOUS METAL FABRICATING INDS.	1	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES		1	*	*	*	*	*	*	*	*
315	MISC. MACHINERY & EQUIPMENT MFRS.	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.		**13**	**572**	**214**	**786**	**16,693**	**3,465**	**16,666**	**28,804**	**47,416**
351	CLAY PRODUCTS MFRS.	7	298	42	340	7,916	1,489	5,831	11,959	17,910
3511	CLAY PRODUCTS MFRS. (DOMESTIC CLAY)	4	*	*	*	*	*	*	*	*
3512	CLAY PRODUCTS MFRS. (IMPORTED CLAY)	3	*	*	*	*	*	*	*	*
353	STONE PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
355	READY-MIX CONCRETE MFRS.	3	*	*	*	*	*	*	*	*
356	GLASS & GLASS PRODUCTS MFRS.	2	*	*	*	*	*	*	*	*
3561	GLASS MFRS.	1	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES		**4**	**698**	**66**	**764**	**20,267**	**43,679**	**99,534**	**113,992**	**244,931**
378	MFRS. OF INDUSTRIAL CHEMICALS	4	698	66	764	20,267	43,679	99,534	113,992	244,931
3781	MFRS. OF PIGMENTS & DRY COLOURS	1	*	*	*	*	*	*	*	*
3782	INDUSTRIAL CHEMS. (INORGANIC) N.E.S	2	*	*	*	*	*	*	*	*
3783	INDUSTRIAL CHEMS. (ORGANIC) N.E.S.	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES		**6**	*	*	*	*	*	*	*	*
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	3	*	*	*	*	*	*	*	*
3915	DENTAL LABORATORIES	3	*	*	*	*	*	*	*	*
392	JEWELLERY & SILVERWARE INDUSTRY	1	*	*	*	*	*	*	*	*
393	SPORTING GOODS & TOY INDUSTRIES	2	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	2	*	*	*	*	*	*	*	*

TABLE 7
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
RED DEER, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TOTAL ALL INDUSTRIES		**59**	**1,145**	**301**	**1,446**	**28,389**	**1,892**	**258,826**	**57,804**	**317,829**
FOOD AND BEVERAGE INDUSTRIES		**10**	**478**	**76**	**554**	**11,031**	**1,275**	**205,981**	**25,384**	**232,509**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	2	*	*	*	*	*	*	*	*
1011	SLAUGHTERING & MEAT PROCESSORS	2	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	1	*	*	*	*	*	*	*	*
106	FEED INDUSTRY	2	*	*	*	*	*	*	*	*
107	BAKERY PRODUCTS INDUSTRIES	2	*	*	*	*	*	*	*	*
1072	BAKERIES	2	*	*	*	*	*	*	*	*
108	MISCELLANEOUS FOOD INDUSTRIES	1	*	*	*	*	*	*	*	*
1083	VEGETABLE OIL MILLS	1	*	*	*	*	*	*	*	*
109	BEVERAGE INDUSTRIES	2	*	*	*	*	*	*	*	*
1091	SOFT DRINK MFRS.	1	*	*	*	*	*	*	*	*
1093	BREWERIES	1	*	*	*	*	*	*	*	*
LEATHER INDUSTRIES		**1**	*	*	*	*	*	*	*	*
179	LUGGAGE, HANDBAG, ETC. MFRS.	1	*	*	*	*	*	*	*	*
1799	MISC. LEATHER PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES		**4**	*	*	*	*	*	*	*	*
254	SASH, DOOR & OTHER MILLWORK PLANTS	4	*	*	*	*	*	*	*	*
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	2	*	*	*	*	*	*	*	*
2544	MFRS. OF WOODEN KITCHEN CABINETS	2	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES		**3**	*	*	*	*	*	*	*	*
261	HOUSEHOLD FURNITURE MFRS.	3	*	*	*	*	*	*	*	*
2611	FURNITURE RE-UPHOLSTERY & REPAIR	2	*	*	*	*	*	*	*	*
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.		**8**	**139**	**99**	**238**	**4,222**	**85**	**3,189**	**7,995**	**11,245**
286	COMMERCIAL PRINTING	6	*	*	*	*	*	*	*	*
289	PUBLISHING & PRINTING	2	*	*	*	*	*	*	*	*

TABLE 7(CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
RED DEER, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
METAL FABRICATING INDUSTRIES		**9**	**73**	**7**	**80**	**1,705**	**98**	**13,623**	**5,928**	**20,158**
302	FABRICATED STRUCTURAL METAL INDUSTRY	1	*	*	*	*	*	*	*	*
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	1	*	*	*	*	*	*	*	*
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	1	*	*	*	*	*	*	*	*
304	METAL STAMPING, PRESSING & COATING	2	*	*	*	*	*	*	*	*
3042	METAL STAMPING & PRESSING INDUSTRY	2	*	*	*	*	*	*	*	*
308	MACHINE SHOPS	4	13	*	13	219	*	247	251	498
309	MISCELLANEOUS METAL FABRICATING INDS.	1	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES		**5**	*	*	*	*	*	*	*	*
311	AGRICULTURAL IMPLEMENT INDUSTRY	1	*	*	*	*	*	*	*	*
315	MISC. MACHINERY & EQUIPMENT MFRS.	4	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES		**6**	*	*	*	*	*	*	*	*
324	TRUCK BODY & TRAILER MFRS.	5	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	2	*	*	*	*	*	*	*	*
3242	NON-COMMERCIAL TRAILER MFRS.	2	*	*	*	*	*	*	*	*
3243	COMMERCIAL TRAILER MFRS.	1	*	*	*	*	*	*	*	*
328	BOATBUILDING & REPAIR	1	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES		**1**	*	*	*	*	*	*	*	*
336	MFRS. ELECTRICAL INDUSTRIAL EQUIPMENT	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.		**6**	*	*	*	*	*	*	*	*
351	CLAY PRODUCTS MFRS.	2	*	*	*	*	*	*	*	*
3511	CLAY PRODUCTS MFRS. (DOMESTIC CLAY)	1	*	*	*	*	*	*	*	*
3512	CLAY PRODUCTS MFRS. (IMPORTED CLAY)	1	*	*	*	*	*	*	*	*
354	CONCRETE PRODUCTS MFRS.	1	*	*	*	*	*	*	*	*
3549	CONCRETE PRODUCTS MFRS. N.E.S.	1	*	*	*	*	*	*	*	*
355	READY-MIX CONCRETE MFRS.	3	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES		**6**	**12**	**5**	**17**	**282**	**3**	**337**	**338**	**675**
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	3	5	1	6	93	3	200	102	304
3914	OPHTHALMIC GOODS MFRS.	2	*	*	*	*	*	*	*	*
3915	DENTAL LABORATORIES	1	*	*	*	*	*	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	3	7	4	11	169	*	138	234	371

TABLE 8
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
CENSUS DIVISIONS, ALBERTA, 1981

INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
		MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 01									
TOTAL ALL INDUSTRIES	**58**	**1,991**	**402**	**2,393**	**51,911**	**48,109**	**184,354**	**176,188**	**394,213**
FOOD AND BEVERAGE INDUSTRIES	11	208	45	253	4,725	389	48,223	9,488	57,800
RUBBER & PLASTICS PRODUCTS INDUSTRIES	2	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	4	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES	3	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	7	124	52	176	2,942	87	2,244	6,936	9,264
METAL FABRICATING INDUSTRIES	7	159	11	170	2,916	178	4,590	5,943	10,334
MACHINERY INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	13	572	214	786	16,693	3,465	16,666	28,804	47,416
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	4	698	66	764	20,267	43,679	99,534	113,992	244,931
MISCELLANEOUS MANUFACTURING INDUSTRIES	6	*	*	*	*	*	*	*	*
CENSUS DIVISION 02									
TOTAL ALL INDUSTRIES	**135**	**3,512**	**1,108**	**4,620**	**88,410**	**11,708**	**807,803**	**241,440**	**1,059,134**
FOOD AND BEVERAGE INDUSTRIES	48	2,092	564	2,656	52,029	10,265	740,277	178,070	925,072
RUBBER & PLASTICS PRODUCTS INDUSTRIES	3	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES	3	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	8	69	5	74	1,291	25	2,840	2,246	5,039
FURNITURE & FIXTURE INDUSTRIES	8	12	4	16	179	*	348	250	598
PRINTING, PUBLISHING & ALLIED INDS.	11	189	99	288	5,151	126	3,397	9,293	12,815
PRIMARY METAL INDUSTRIES	2	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	19	182	13	195	3,450	62	5,947	5,703	11,619
MACHINERY INDUSTRIES	10	337	50	387	6,836	312	12,457	14,154	27,571
TRANSPORTATION EQUIPMENT INDUSTRIES	6	277	58	335	5,867	161	17,303	10,131	27,125
ELECTRICAL PRODUCTS INDUSTRIES	2	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	9	105	7	112	2,340	325	5,782	5,496	11,581
MISCELLANEOUS MANUFACTURING INDUSTRIES	6	*	*	*	*	*	*	*	*
CENSUS DIVISION 03									
TOTAL ALL INDUSTRIES	**37**	**388**	**89**	**457**	**8,000**	**953**	**31,887**	**17,802**	**50,235**
FOOD AND BEVERAGE INDUSTRIES	9	62	8	70	1,286	236	15,203	4,015	19,353
LEATHER INDUSTRIES	1	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES	3	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	10	259	43	302	5,513	*	14,033	12,356	26,774

TABLE 8 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
CENSUS DIVISIONS, ALBERTA, 1981

INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
		MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
PRINTING, PUBLISHING & ALLIED INDS.	5	13	9	22	279	*	311	399	710
METAL FABRICATING INDUSTRIES	4	10	0	10	159	*	229	146	375
MACHINERY INDUSTRIES	1	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES	1	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	1	*	*	*	*	*	*	*	*
CENSUS DIVISION 04									
TOTAL ALL INDUSTRIES	**6**	**11**	**5**	**16**	**234**	*	**254**	**431**	**685**
TEXTILE INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	3	7	5	12	162	*	112	341	453
METAL FABRICATING INDUSTRIES	1	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES	1	*	*	*	*	*	*	*	*
CENSUS DIVISION 05									
TOTAL ALL INDUSTRIES	**30**	**422**	**95**	**517**	**12,149**	**21,633**	**68,234**	**83,057**	**171,815**
FOOD AND BEVERAGE INDUSTRIES	7	21	8	29	472	44	4,421	759	5,278
TEXTILE INDUSTRIES	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	1	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	5	14	21	35	485	*	604	767	1,371
METAL FABRICATING INDUSTRIES	1	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES	4	41	12	53	896	14	895	1,458	2,418
TRANSPORTATION EQUIPMENT INDUSTRIES	2	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	3	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	3	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	2	*	*	*	*	*	*	*	*
CENSUS DIVISION 06									
TOTAL ALL INDUSTRIES	**841**	**21,469**	**5,643**	**27,112**	**559,978**	**46,207**	**2,084,077**	**1,200,513**	**3,245,318**
FOOD AND BEVERAGE INDUSTRIES	100	3,835	1,162	4,997	102,594	11,005	953,234	228,706	1,185,815
RUBBER & PLASTICS PRODUCTS INDUSTRIES	25	*	*	*	*	*	*	*	*
LEATHER INDUSTRIES	5	*	*	*	*	*	*	*	*

TABLE 8 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY,
CENSUS DIVISIONS, ALBERTA, 1981

INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
		MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TEXTILE INDUSTRIES	17	*	*	*	*	*	*	*	*
KNITTING MILLS	1	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES	13	36	190	226	3,002	*	6,871	5,401	11,841
WOOD INDUSTRIES	53	1,610	293	1,903	39,654	*	64,273	73,231	137,210
FURNITURE & FIXTURE INDUSTRIES	62	*	*	*	*	*	*	*	*
PAPER & ALLIED INDUSTRIES	17	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	130	2,109	1,101	3,210	67,906	949	68,264	132,466	201,845
PRIMARY METAL INDUSTRIES	11	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	140	3,535	485	4,020	85,040	2,436	148,260	196,351	329,661
MACHINERY INDUSTRIES	59	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES	26	1,000	115	1,115	24,125	736	43,100	39,567	81,402
ELECTRICAL PRODUCTS INDUSTRIES	25	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	45	1,672	201	1,873	45,370	5,899	99,138	82,198	187,627
PETROLEUM & COAL PRODUCTS INDUSTRIES	4	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	22	1,213	119	1,332	21,839	10,341	79,644	56,023	127,944
MISCELLANEOUS MANUFACTURING INDUSTRIES	86	671	382	1,053	18,634	292	30,561	27,656	57,155
CENSUS DIVISION 07									
TOTAL ALL INDUSTRIES	**29**	**102**	**31**	**133**	**2,041**	**192**	**9,972**	**4,604**	**14,674**
FOOD AND BEVERAGE INDUSTRIES	13	40	21	61	950	94	6,435	2,091	8,570
WOOD INDUSTRIES	2	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES	2	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	5	8	4	12	156	*	238	217	454
METAL FABRICATING INDUSTRIES	2	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES	2	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	1	*	*	*	*	*	*	*	*
CENSUS DIVISION 08									
TOTAL ALL INDUSTRIES	**111**	**1,884**	**483**	**2,347**	**47,258**	**18,629**	**462,818**	**148,435**	**625,567**
FOOD AND BEVERAGE INDUSTRIES	21	533	97	630	12,555	1,462	219,644	27,926	248,931
LEATHER INDUSTRIES	2	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES	1	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	11	147	12	159	2,439	*	4,281	3,664	8,257

TABLE 8 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, CENSUS DIVISIONS, ALBERTA, 1981

INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
		MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
FURNITURE & FIXTURE INDUSTRIES	6	92	23	115	1,546	74	2,982	1,739	4,794
PRINTING, PUBLISHING & ALLIED INDS.	17	183	123	306	5,259	100	4,072	9,531	13,679
PRIMARY METAL INDUSTRIES	1	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	12	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES	6	123	11	134	2,612	91	6,759	4,027	10,825
TRANSPORTATION EQUIPMENT INDUSTRIES	8	229	86	315	6,436	65	21,402	9,865	30,132
ELECTRICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	13	222	46	268	6,468	1,555	13,529	14,666	29,621
PETROLEUM & COAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	9	*	*	*	*	*	*	*	*
CENSUS DIVISION 09									
TOTAL ALL INDUSTRIES	**23**	**514**	**84**	**598**	**13,427**	**10,218**	**27,714**	**51,842**	**91,182**
FOOD AND BEVERAGE INDUSTRIES	3	*	*	*	*	*	*	*	*
KNITTING MILLS	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	4	85	5	90	1,901	*	3,303	1,534	5,497
FURNITURE & FIXTURE INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	6	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	1	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	4	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	2	*	*	*	*	*	*	*	*
CENSUS DIVISION 10									
TOTAL ALL INDUSTRIES	**63**	**1,728**	**312**	**2,040**	**41,688**	**5,908**	**371,968**	**78,798**	**453,019**
FOOD AND BEVERAGE INDUSTRIES	15	192	69	261	5,444	1,104	79,891	13,710	97,803
RUBBER & PLASTICS PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	5	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES	5	14	11	25	230	*	243	383	626
PAPER & ALLIED INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	9	94	70	164	2,429	28	1,962	3,345	5,336
PRIMARY METAL INDUSTRIES	1	*	*	*	*	*	*	*	*

TABLE 8 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, CENSUS DIVISIONS, ALBERTA, 1981

INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
		MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
METAL FABRICATING INDUSTRIES	8	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES	4	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	9	68	7	75	1,510	211	4,769	2,513	7,506
PETROLEUM & COAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	2	*	*	*	*	*	*	*	*
CENSUS DIVISION 11									
TOTAL ALL INDUSTRIES	**939**	**27,708**	**7,201**	**34,909**	**773,622**	**155,898**	**4,787,200**	**1,989,397**	**6,774,372**
FOOD AND BEVERAGE INDUSTRIES	108	4,675	1,550	6,225	126,688	11,200	676,455	240,080	928,663
RUBBER & PLASTICS PRODUCTS INDUSTRIES	30	590	141	731	14,611	*	40,982	35,818	77,805
LEATHER INDUSTRIES	6	110	69	179	2,760	109	5,452	4,598	10,088
TEXTILE INDUSTRIES	20	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES	14	239	1,424	1,663	24,550	*	36,892	41,991	77,018
WOOD INDUSTRIES	73	1,195	207	1,402	26,634	*	56,479	58,150	115,583
FURNITURE & FIXTURE INDUSTRIES	58	*	*	*	*	*	*	*	*
PAPER & ALLIED INDUSTRIES	15	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	137	*	*	*	*	*	*	*	*
PRIMARY METAL INDUSTRIES	14	2,375	205	2,580	63,767	16,730	236,869	167,796	412,332
METAL FABRICATING INDUSTRIES	173	4,319	486	4,805	105,758	3,836	196,699	202,771	387,867
MACHINERY INDUSTRIES	68	3,209	255	3,464	88,037	2,999	202,901	212,083	412,071
TRANSPORTATION EQUIPMENT INDUSTRIES	30	707	103	810	16,498	649	22,992	26,397	50,033
ELECTRICAL PRODUCTS INDUSTRIES	14	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	42	*	*	*	*	*	*	*	*
PETROLEUM & COAL PRODUCTS INDUSTRIES	8	1,151	92	1,243	39,110	27,402	2,583,437	234,501	2,755,061
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	38	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	91	*	*	*	*	*	*	*	*
CENSUS DIVISION 12									
TOTAL ALL INDUSTRIES	**52**	**397**	**138**	**535**	**9,412**	**392**	**22,254**	**16,768**	**39,961**
FOOD AND BEVERAGE INDUSTRIES	15	93	35	128	2,028	132	7,659	4,576	12,296
CLOTHING INDUSTRIES	2	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	7	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES	4	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	8	61	52	113	1,718	12	1,085	2,551	3,648
METAL FABRICATING INDUSTRIES	3	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES	1	*	*	*	*	*	*	*	*

TABLE 8(CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY, CENSUS DIVISIONS, ALBERTA, 1981

INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
		MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
TRANSPORTATION EQUIPMENT INDUSTRIES	2	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	7	97	7	104	2,292	242	5,234	5,014	10,606
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	2	*	*	*	*	*	*	*	*
CENSUS DIVISION 13									
TOTAL ALL INDUSTRIES	**33**	**665**	**103**	**768**	**18,425**	**2,235**	**41,544**	**26,876**	**70,198**
FOOD AND BEVERAGE INDUSTRIES	8	91	24	115	1,907	239	14,474	4,794	19,402
RUBBER & PLASTICS PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	8	485	49	534	14,586	*	21,367	16,986	39,950
FURNITURE & FIXTURE INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	8	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	2	*	*	*	*	*	*	*	*
TRANSPORTATION EQUIPMENT INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	4	*	*	*	*	*	*	*	*
CENSUS DIVISION 14									
TOTAL ALL INDUSTRIES	**19**	**687**	**102**	**789**	**19,941**	**6,252**	**46,034**	**64,508**	**116,131**
FOOD AND BEVERAGE INDUSTRIES	3	*	*	*	*	*	*	*	*
WOOD INDUSTRIES	9	*	*	*	*	*	*	*	*
PAPER & ALLIED INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	2	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	3	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
CENSUS DIVISION 15									
TOTAL ALL INDUSTRIES	**76**	**2,461**	**451**	**2,912**	**63,703**	**12,239**	**219,334**	**108,456**	**330,474**
FOOD AND BEVERAGE INDUSTRIES	16	279	73	352	6,445	1,585	55,492	17,805	80,051
WOOD INDUSTRIES	23	1,455	185	1,640	34,073	*	76,502	40,159	115,473
FURNITURE & FIXTURE INDUSTRIES	4	25	7	32	376	*	702	488	1,190
PAPER & ALLIED INDUSTRIES	1	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.	10	*	*	*	*	*	*	*	*
METAL FABRICATING INDUSTRIES	9	*	*	*	*	*	*	*	*
MACHINERY INDUSTRIES	1	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.	10	*	*	*	*	*	*	*	*
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	1	*	*	*	*	*	*	*	*
MISCELLANEOUS MANUFACTURING INDUSTRIES	1	*	*	*	*	*	*	*	*

TABLE 8
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1981

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 01										
I.D. NO. 1	2	1	*	*	*	*	*	*	*	*
MEDICINE HAT	59	49	1,675	226	1,901	42,285	46,136	175,068	157,654	365,035
BOW ISLAND	2	2	*	*	*	*	*	*	*	*
REDCLIFF	6	6	*	*	*	*	*	*	*	*
CENSUS DIVISION 02										
WARNER	1	1	*	*	*	*	*	*	*	*
RAYMOND	4	2	*	*	*	*	*	*	*	*
LETHBRIDGE CO. 26	11	11	279	71	350	6,211	260	51,024	11,649	62,139
LETHBRIDGE	89	79	2,258	799	3,057	59,365	6,919	548,455	168,259	712,998
COALHURST	1	1	*	*	*	*	*	*	*	*
NOBLEFORD	1	1	*	*	*	*	*	*	*	*
BARONS	1	1	*	*	*	*	*	*	*	*
PICTURE BUTTE	4	2	*	*	*	*	*	*	*	*
COALDALE	8	7	78	11	89	1,484	-	3,824	2,575	6,335
TABER	10	9	332	115	447	7,215	3,084	67,915	31,593	109,307
VAUXHALL	3	3	43	20	63	963	524	9,838	2,570	13,170
TILLEY	2	1	*	*	*	*	*	*	*	*
BROOKS	15	13	*	*	*	*	*	*	*	*
BASSANO	5	4	55	19	74	1,438	128	10,818	3,060	13,946
MILK RIVER	1	-	--	--	--	--	--	--	--	--
DUCHESS	1	-	--	--	--	--	--	--	--	--
ROSEMARY	1	-	--	--	--	--	--	--	--	--
CENSUS DIVISION 03										
CARDSTON M.D. 6	2	2	*	*	*	*	*	*	*	*
MAGRATH	2	2	*	*	*	*	*	*	*	*
CARDSTON	4	3	*	*	*	*	*	*	*	*
GLENWOOD	1	1	*	*	*	*	*	*	*	*
STAND OFF	1	1	*	*	*	*	*	*	*	*
PINCHER CREEK M.D. 9	2	2	*	*	*	*	*	*	*	*

TABLE 8 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1981

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES				COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL	SALARIES & WAGES				
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
PINCHER CREEK	5	5	*	*	*	*	*	*	*	*
COWLEY	2	1	*	*	*	*	*	*	*	*
WILLOW CREEK M.D. 26	5	3	*	*	*	*	*	*	*	*
FORT MACLEOD	6	5	45	18	63	1,157	214	4,950	2,431	7,374
GRANUM	1	1	*	*	*	*	*	*	*	*
CLARESHOLM	9	8	34	4	38	607	117	5,453	956	6,582
STAVELY	1	1	*	*	*	*	*	*	*	*
NANTON	5	2	*	*	*	*	*	*	*	*
CENSUS DIVISION 04										
HANNA	3	2	*	*	*	*	*	*	*	*
OYEN	2	2	*	*	*	*	*	*	*	*
CONSORT	2	2	*	*	*	*	*	*	*	*
CENSUS DIVISION 05										
VULCAN CO. 2	2	1	*	*	*	*	*	*	*	*
VULCAN	4	4	*	*	*	*	*	*	*	*
WHEATLAND CO. 16	3	3	*	*	*	*	*	*	*	*
STRATHMORE	4	3	*	*	*	*	*	*	*	*
ROCKYFORD	1	1	*	*	*	*	*	*	*	*
I.D. NO. 7	4	2	*	*	*	*	*	*	*	*
DRUMHELLER	6	5	*	*	*	*	*	*	*	*
LINDEN	4	3	27	11	38	767	24	2,265	1,105	3,578
THREE HILLS	5	5	*	*	*	*	*	*	*	*
TROCHU	3	3	15	3	18	380	33	1,261	791	2,084
CENSUS DIVISION 06										
FOOTHILLS M.D. 31	1	1	*	*	*	*	*	*	*	*
BLACKIE	2	2	*	*	*	*	*	*	*	*
HIGH RIVER	16	14	95	64	159	2,826	121	9,526	6,405	15,730
LONGVIEW	1	1	*	*	*	*	*	*	*	*
OKOTOKS	8	8	95	11	106	2,289	238	4,984	3,747	8,991

TABLE 9 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1981

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
ROCKY VIEW M.D. 44	8	7	90	15	105	2,263	278	6,604	4,534	11,362
CALGARY	1062	763	20,278	5,362	25,640	540,430	44,115	2,033,107	1,164,062	3,157,417
COCHRANE	10	7	133	6	139	2,622	463	2,414	5,420	8,279
AIRDRIE	16	13	119	142	261	4,129	414	9,994	7,738	17,080
BEISEKER	2	2	*	*	*	*	*	*	*	*
CROSSFIELD	2	2	*	*	*	*	*	*	*	*
CARSTAIRS	2	1	*	*	*	*	*	*	*	*
CREMONA	2	2	*	*	*	*	*	*	*	*
DIDSBURY	7	7	71	7	78	1,711	166	6,551	2,294	8,874
OLDS	8	6	30	14	44	773	74	4,143	1,656	5,856
SUNDRE	7	5	52	5	57	1,151	138	2,482	995	3,560
CENSUS DIVISION 07										
PROVOST M.D. 52	2	1	*	*	*	*	*	*	*	*
PROVOST	3	3	*	*	*	*	*	*	*	*
CORONATION	2	2	*	*	*	*	*	*	*	*
CASTOR	5	3	*	*	*	*	*	*	*	*
STETTLER CO. 6	2	2	*	*	*	*	*	*	*	*
STETTLER	10	8	54	11	65	1,030	106	5,368	2,840	8,218
DONALDA	1	1	*	*	*	*	*	*	*	*
FLAGSTAFF CO. 29	2	1	*	*	*	*	*	*	*	*
STROME	1	1	*	*	*	*	*	*	*	*
KILLAM	3	3	*	*	*	*	*	*	*	*
SEDGEWICK	1	1	*	*	*	*	*	*	*	*
WAINWRIGHT	6	3	*	*	*	*	*	*	*	*
CENSUS DIVISION 08										
RED DEER CO. 23	2	2	*	*	*	*	*	*	*	*
DELBURNE	3	3	*	*	*	*	*	*	*	*
BOWDEN	2	2	*	*	*	*	*	*	*	*
INNISFAIL	14	12	204	49	253	5,760	1,247	15,285	13,599	30,105
MYNARSKI PARK	2	1	*	*	*	*	*	*	*	*
RED DEER	73	59	1,145	301	1,446	28,369	1,892	258,826	57,904	317,829
SYLVAN LAKE	3	2	*	*	*	*	*	*	*	*
ROCKY MOUNTAIN HOUSE	5	5	*	*	*	*	*	*	*	*

TABLE 9 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1981

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
I.D. NO. 10	2	2	*	*	*	*	*	*	*	*
LACOMBE CO. 14	4	3	*	*	*	*	*	*	*	*
ECKVILLE	3	2	*	*	*	*	*	*	*	*
LESLIEVILLE	1	-	--	--	--	--	--	--	--	--
CONDOR	1	-	--	--	--	--	--	--	--	--
BLACKFALDS	1	1	*	*	*	*	*	*	*	*
LACOMBE	11	5	24	5	29	543	80	6,178	1,110	7,368
MIRROR	1	1	*	*	*	*	*	*	*	*
PONOKA CO. 3	4	4	*	*	*	*	*	*	*	*
PONOKA	5	5	*	*	*	*	*	*	*	*
RIMBEY	4	2	*	*	*	*	*	*	*	*
CENSUS DIVISION 09										
CROWSNEST PASS	12	10	204	35	239	5,158	822	14,904	11,339	27,929
I.D. NO. 8	3	2	*	*	*	*	*	*	*	*
CANMORE	5	3	*	*	*	*	*	*	*	*
I.D. 9 BANFF PARK	8	5	*	*	*	*	*	*	*	*
I.D. 12 JASPER PARK	3	3	*	*	*	*	*	*	*	*
CENSUS DIVISION 10										
CAMROSE CO. 22	4	4	29	8	37	734	107	3,443	1,673	5,176
BASHAW	3	1	*	*	*	*	*	*	*	*
ROSALIND	1	1	*	*	*	*	*	*	*	*
CAMROSE	21	19	*	*	*	*	*	*	*	*
BITTERN LAKE	1	1	*	*	*	*	*	*	*	*
BEAVER CO. 9	2	1	*	*	*	*	*	*	*	*
TOFIELD	3	2	*	*	*	*	*	*	*	*
RYLEY	1	1	*	*	*	*	*	*	*	*
VIKING	2	2	*	*	*	*	*	*	*	*
VEGREVILLE	7	5	*	*	*	*	*	*	*	*
MANNVILLE	1	1	*	*	*	*	*	*	*	*
LLOYDMINSTER (ALTA)	13	13	838	119	957	20,338	4,501	197,768	36,435	235,463

TABLE 9 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1981

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 11										
VERMILION	8	7	104	32	136	2,357	117	6,522	3,335	9,394
MARWAYNE	1	1	*	*	*	*	*	*	*	*
DEWBERRY	1	1	*	*	*	*	*	*	*	*
TWO HILLS	1	1	*	*	*	*	*	*	*	*
LAMONT	2	2	*	*	*	*	*	*	*	*
DAYSLAND	1	-	--	--	--	--	--	--	--	--
WILLINGDON	1	-	--	--	--	--	--	--	--	--
ANDREW	1	-	--	--	--	--	--	--	--	--
WETASKIWIN CO. 10	2	2	*	*	*	*	*	*	*	*
WETASKIWIN	17	16	170	45	215	3,756	472	27,377	8,571	36,331
LEDUC CO. 25	30	20	498	53	551	12,690	582	30,547	24,086	53,879
BEAUMONT	1	1	*	*	*	*	*	*	*	*
LEDUC	12	8	65	33	98	1,374	156	2,643	2,133	5,150
DEVON	3	2	*	*	*	*	*	*	*	*
CALMAR	2	2	*	*	*	*	*	*	*	*
THORSBY	3	2	*	*	*	*	*	*	*	*
WARBURG	1	1	*	*	*	*	*	*	*	*
DRAYTON VALLEY	9	4	*	*	*	*	*	*	*	*
PARKLAND CO. 31	23	17	572	75	647	18,208	11,438	29,714	62,105	102,590
SEBA BEACH	1	1	*	*	*	*	*	*	*	*
STONY PLAIN	11	9	*	*	*	*	*	*	*	*
SPRUCE GROVE	10	10	107	50	157	2,643	123	23,273	4,963	28,237
STRATHCONA CO. 20	75	69	4,824	558	5,382	142,100	50,795	2,869,639	486,397	3,311,003
FORT SASKATCHEWAN	19	18	1,976	332	2,308	64,201	49,484	394,570	294,557	723,531
STURGEON M.D. 90	2	2	*	*	*	*	*	*	*	*
EDMONTON	1013	729	18,684	5,885	24,569	504,006	26,203	1,299,286	1,042,723	2,344,592
ST ALBERT	20	15	*	*	*	*	*	*	*	*
GIBBONS	1	1	*	*	*	*	*	*	*	*
REDWATER	6	4	*	*	*	*	*	*	*	*
MORINVILLE	5	4	*	*	*	*	*	*	*	*
LEGAL	2	2	*	*	*	*	*	*	*	*

TABLE 8 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1981

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 12										
BONNYVILLE M.D. 87	3	2	*	*	*	*	*	*	*	*
GRAND CENTRE	9	6	*	*	*	*	*	*	*	*
BONNYVILLE	13	12	56	22	78	1,107	30	2,681	1,673	4,364
ST PAUL CO. 19	2	2	*	*	*	*	*	*	*	*
ELK POINT	1	1	*	*	*	*	*	*	*	*
ST PAUL	7	6	63	17	80	1,413	102	3,886	2,471	6,409
SMOKY LAKE CO. 13	1	1	*	*	*	*	*	*	*	*
SMOKY LAKE	3	3	*	*	*	*	*	*	*	*
I.D. NO. 18	2	2	*	*	*	*	*	*	*	*
LAC LA BICHE	3	2	*	*	*	*	*	*	*	*
FORT MCMURRAY	19	15	125	46	171	3,402	211	6,548	6,579	13,557
PLAMONDON	1	-	--	--	--	--	--	--	--	--
CENSUS DIVISION 13										
MAYERTHORPE	4	3	*	*	*	*	*	*	*	*
ALBERTA BEACH	1	1	*	*	*	*	*	*	*	*
ONOWAY	4	2	*	*	*	*	*	*	*	*
BARRHEAD CO. 11	2	2	*	*	*	*	*	*	*	*
BARRHEAD	9	7	85	21	106	1,856	270	13,840	5,069	19,074
I.D. NO. 15	1	1	*	*	*	*	*	*	*	*
WHITECOURT	9	5	*	*	*	*	*	*	*	*
WESTLOCK	10	6	53	15	68	1,084	58	3,834	3,166	6,982
ATHABASCA CO. 12	1	1	*	*	*	*	*	*	*	*
BOYLE	2	1	*	*	*	*	*	*	*	*
ATHABASCA	6	4	*	*	*	*	*	*	*	*
SANGUDO	2	-	--	--	--	--	--	--	--	--
CENSUS DIVISION 14										
EVANSBURG	1	1	*	*	*	*	*	*	*	*
I.D. NO. 14	7	6	*	*	*	*	*	*	*	*
HINTON	9	8	*	*	*	*	*	*	*	*
EDSON	8	4	*	*	*	*	*	*	*	*

TABLE 8 (CONCLUDED)
PRINCIPAL MANUFACTURING STATISTICS,
SELECTED CENTRES BY CENSUS DIVISION, ALBERTA, 1981

CENSUS DIVISION AND MUNICIPALITY	TOTAL ESTAB-LISH-MENTS	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
	NO.	NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
CENSUS DIVISION 15										
GRANDE CACHE	1	1	*	*	*	*	*	*	*	*
GRANDE PRAIRIE CO. 1	3	3	*	*	*	*	*	*	*	*
BEAVERLODGE	3	3	*	*	*	*	*	*	*	*
GRANDE PRAIRIE	33	25	592	178	770	15,880	2,048	41,148	27,276	68,422
SEXSMITH	2	1	*	*	*	*	*	*	*	*
I.D. NO. 16	2	1	*	*	*	*	*	*	*	*
HIGH PRAIRIE	3	3	*	*	*	*	*	*	*	*
SWAN HILLS	1	1	*	*	*	*	*	*	*	*
I.D. NO. 17	8	8	283	29	312	5,835	896	10,167	7,569	19,987
SLAVE LAKE	4	3	*	*	*	*	*	*	*	*
PEACE RIVER	8	6	80	20	100	1,749	122	6,920	4,752	11,073
SMOKY RIVER M.D. 130	2	1	*	*	*	*	*	*	*	*
MCLENNAN	1	1	*	*	*	*	*	*	*	*
FALHER	1	1	*	*	*	*	*	*	*	*
WANHAM	1	1	*	*	*	*	*	*	*	*
RYCROFT	2	2	*	*	*	*	*	*	*	*
SPIRIT RIVER	3	1	*	*	*	*	*	*	*	*
VALLEYVIEW	1	-	--	--	--	--	--	--	--	--
KINUSO	1	-	--	--	--	--	--	--	--	--
DONNELLY	1	-	--	--	--	--	--	--	--	--
HINES CREEK	3	2	*	*	*	*	*	*	*	*
FAIRVIEW	3	3	*	*	*	*	*	*	*	*
GRIMSHAW	1	1	*	*	*	*	*	*	*	*
I.D. NO. 22	1	1	*	*	*	*	*	*	*	*
MANNING	2	2	*	*	*	*	*	*	*	*
HIGH LEVEL	5	3	*	*	*	*	*	*	*	*
I.D. NO. 23	4	2	*	*	*	*	*	*	*	*

SECTION C

Principal Manufacturing Statistics by Industrial Activity

TABLE 10
PRINCIPAL MANUFACTURING STATISTICS,
AGRICULTURAL PROCESSING INDUSTRY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
1010	MEAT & POULTRY PRODUCTS INDUSTRIES	69	4,987	1,528	6,515	135,276	9,893	1,690,594	218,486	1,915,488
1011	SLAUGHTERING & MEAT PROCESSORS	64	4,672	974	5,646	120,274	8,868	1,619,825	189,191	1,816,153
1012	POULTRY PROCESSORS	5	315	554	869	15,003	1,025	70,769	29,295	99,335
1030	FRUIT & VEGETABLE PROCESSING INDS.	7	*	*	*	*	*	*	*	*
1031	FRUIT & VEG. CANNERS & PRESERVERS	5	156	70	226	3,361	498	15,867	6,009	21,580
1032	FROZEN FRUIT & VEGETABLE PROCESSORS	2	*	*	*	*	*	*	*	*
1040	DAIRY PRODUCTS INDUSTRY	34	1,802	378	2,180	44,278	5,349	261,683	80,238	346,522
1050	FLOUR & BREAKFAST CEREAL PRODUCTS	5	374	68	442	8,296	785	93,775	13,641	107,919
1060	FEED INDUSTRY	72	889	114	1,003	18,416	3,617	217,014	45,744	266,783
1070	BAKERY PRODUCTS INDUSTRIES	131	*	*	*	*	*	*	*	*
1071	BISCUIT MFRS.	1	*	*	*	*	*	*	*	*
1072	BAKERIES	130	1,105	706	1,811	33,696	1,982	40,823	59,218	102,021
1080	MISCELLANEOUS FOOD INDUSTRIES	34	*	*	*	*	*	*	*	*
1081	CONFECTIONERY MFRS.	2	*	*	*	*	*	*	*	*
1082	CANE & BEET SUGAR PROCESSORS	1	*	*	*	*	*	*	*	*
1083	VEGETABLE OIL MILLS	5	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	26	649	386	1,035	19,034	2,707	93,560	59,538	157,081
1090	BEVERAGE INDUSTRIES	25	1,997	362	2,359	51,417	6,312	126,206	171,817	295,066
1091	SOFT DRINK MFRS.	14	913	218	1,131	21,346	1,607	59,027	49,346	108,851
1092	DISTILLERIES	3	*	*	*	*	*	*	*	*
1093	BREWERIES	5	827	70	897	22,550	2,174	37,654	83,824	122,211
1094	WINERIES	3	*	*	*	*	*	*	*	*
1720	LEATHER TANNERIES	3	*	*	*	*	*	*	*	*
1740	SHOE FACTORIES	1	*	*	*	*	*	*	*	*
1750	LEATHER GLOVE FACTORIES	1	*	*	*	*	*	*	*	*
1780	LUGGAGE, HANDBAG, ETC. MFRS.	9	*	*	*	*	*	*	*	*
1789	MISC. LEATHER PRODUCTS MFRS.	9	*	*	*	*	*	*	*	*
	TOTAL	391	13,145	3,972	17,117	345,324	37,945	2,837,240	740,622	3,613,465

TABLE 11
PRINCIPAL MANUFACTURING STATISTICS,
PETROLEUM AND CHEMICALS INDUSTRY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
1620	RUBBER PRODUCTS INDUSTRIES	4	*	*	*	*	*	*	*	*
1623	TIRE & TUBE MFRS.	1	*	*	*	*	*	*	*	*
1629	MISCELLANEOUS RUBBER PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
1650	PLASTICS FABRICATING IND., N.E.S.	58	*	*	*	*	*	*	*	*
3650	PETROLEUM REFINERIES	9	*	*	*	*	*	*	*	*
3651	PETROLEUM REFINING	6	1,542	411	1,953	59,292	*	2,784,162	68,055	2,787,355
3652	MFRS. OF LUBRICATING OILS & GREASES	3	*	*	*	*	*	*	*	*
3690	MISC. PETROLEUM & COAL PRODUCTS	5	*	*	*	*	*	*	*	*
3720	MFRS. OF MIXED FERTILIZERS	4	36	5	41	1,090	132	5,449	1,895	7,419
3730	MFRS. PLASTICS & SYNTHETIC RESINS	5	*	*	*	*	*	*	*	*
3740	MFRS. PHARMACEUTICALS & MEDICINES	3	*	*	*	*	*	*	*	*
3750	PAINT & VARNISH MFRS.	2	*	*	*	*	*	*	*	*
3760	MFRS. OF SOAPS & CLEANING COMPOUNDS	10	77	31	108	2,080	121	5,163	5,791	11,078
3780	MFRS. OF INDUSTRIAL CHEMICALS	17	3,283	452	3,735	106,247	146,617	594,460	535,012	1,235,320
3781	MFRS. OF PIGMENTS & DRY COLOURS	1	*	*	*	*	*	*	*	*
3782	INDUSTRIAL CHEMS. (INORGANIC) N.E.S	9	*	*	*	*	*	*	*	*
3783	INDUSTRIAL CHEMS. (ORGANIC) N.E.S.	7	1,602	260	1,862	54,957	79,794	361,745	398,190	827,615
3790	MISCELLANEOUS CHEMICAL INDUSTRIES	30	*	*	*	*	*	*	*	*
3791	MFRS. OF PRINTING INKS	6	*	*	*	*	*	*	*	*
3799	MISC. CHEMICAL INDUSTRIES, N.E.S.	24	892	79	971	12,142	1,627	55,063	46,968	103,538
	TOTAL	147	7,960	1,494	9,454	236,154	189,697	3,659,869	939,831	4,648,631

TABLE 12
PRINCIPAL MANUFACTURING STATISTICS,
METALS AND EQUIPMENT INDUSTRY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
2910	IRON & STEEL MILLS	4	*	*	*	*	*	*	*	*
2920	STEEL PIPE & TUBE MILLS	4	1,366	79	1,445	34,752	1,762	289,472	89,779	364,540
2940	IRON FOUNDRIES	6	522	19	541	11,300	1,096	16,442	26,821	42,910
2950	SMELTING & REFINING	1	*	*	*	*	*	*	*	*
2960	ALUMINUM ROLLING, CASTING, ETC.	6	*	*	*	*	*	*	*	*
2970	COPPER ROLLING, CASTING & EXTRUDING	1	*	*	*	*	*	*	*	*
2980	METAL ROLLING, CASTING, ETC., N.E.S	7	*	*	*	*	*	*	*	*
3010	BOILER & PLATE WORKS	15	985	74	1,059	23,838	1,539	40,464	36,176	77,052
3020	FABRICATED STRUCTURAL METAL IND.	34	2,015	188	2,203	51,974	1,394	72,809	108,812	156,307
3030	ORNAMENTAL & ARCHITECTURAL METAL IN	77	1,486	336	1,822	35,588	1,131	68,398	59,843	127,737
3031	METAL DOOR & WINDOW MFRS.	30	870	272	1,142	20,334	670	41,450	32,265	73,966
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	47	616	64	680	15,253	461	26,948	27,578	53,771
3040	METAL STAMPING, PRESSING & COATING	70	1,572	225	1,797	36,474	1,673	102,034	94,618	198,517
3041	METAL COATING INDUSTRY	18	550	46	596	12,516	936	12,916	33,132	47,119
3042	METAL STAMPING & PRESSING INDUSTRY	52	1,022	179	1,201	23,958	737	89,118	61,486	151,398
3050	WIRE & WIRE PRODUCTS MFRS.	11	*	*	*	*	*	*	*	*
3051	UPHOLSTERY AND COIL SPRING INDS.	1	*	*	*	*	*	*	*	*
3059	OTHER WIRE PRODUCTS INDUSTRY	10	359	51	410	8,333	175	19,167	13,521	32,862
3060	HARDWARE, TOOL & CUTLERY MFRS.	19	*	*	*	*	*	*	*	*
3070	HEATING EQUIPMENT MFRS.	6	308	32	340	6,465	160	9,719	17,489	27,118
3080	MACHINE SHOPS	109	1,587	135	1,722	36,589	977	41,629	61,855	101,364
3090	MISC. METAL FABRICATING INDS.	41	829	87	916	20,577	649	41,153	41,184	82,036
3110	AGRICULTURAL IMPLEMENT INDUSTRY	22	713	87	800	14,531	662	28,774	27,744	56,518
3150	MISC. MACHINERY & EQUIPMENT MFRS.	135	5,487	507	5,994	147,098	5,126	331,751	313,209	636,536
3210	AIRCRAFT & AIRCRAFT PARTS MFRS.	16	589	87	676	14,281	*	11,410	16,113	28,475
3240	TRUCK BODY & TRAILER MFRS.	45	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	17	471	64	535	11,664	336	15,180	19,909	34,193
3242	NON-COMMERCIAL TRAILER MFRS.	20	614	190	804	14,955	298	50,694	24,389	73,894
3243	COMMERCIAL TRAILER MFRS.	8	*	*	*	*	*	*	*	*
3250	MOTOR VEHICLE PARTS & ACCESS. MFRS.	6	157	15	172	4,019	*	4,637	7,486	12,190
3280	BOATBUILDING & REPAIR	7	45	12	57	1,051	*	1,311	2,113	3,394
3290	MISCELLANEOUS VEHICLE MFRS.	5	*	*	*	*	*	*	*	*
3310	MFRS. OF SMALL ELECTRIC. APPLIANCES	1	*	*	*	*	*	*	*	*
3330	MFRS. OF LIGHTING FIXTURES	3	*	*	*	*	*	*	*	*
3350	COMMUNICATIONS EQUIPMENT MFRS.	17	437	637	1,074	19,654	140	48,631	43,498	86,985
3360	MFRS. ELEC. INDUSTRIAL EQUIPMENT	15	518	204	722	15,764	270	23,483	24,241	45,665
3380	MFRS. OF ELECTRIC WIRE & CABLE	4	*	*	*	*	*	*	*	*
3390	MFRS. OF MISC. ELECTRICAL PRODUCTS	4	212	47	259	5,195	*	13,448	2,677	16,479
3391	BATTERY MFRS.	2	*	*	*	*	*	*	*	*
3399	MFRS. MISC. ELECTRICAL PRODS. N.E.S	2	*	*	*	*	*	*	*	*
	TOTAL	691	24,479	3,681	28,160	626,314	37,837	1,489,265	1,229,759	2,672,727

TABLE 13
PRINCIPAL MANUFACTURING STATISTICS,
FORESTRY PRODUCTS INDUSTRY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
2510	SAWMILLS, PLANING & SHINGLE MILLS	51	*	*	*	*	*	*	*	*
2511	SHINGLE MILLS	1	*	*	*	*	*	*	*	*
2513	SAWMILLS & PLANING MILLS	50	2,233	241	2,474	53,675	7,438	108,586	60,443	170,678
2520	VENEER & PLYWOOD MILLS	4	291	100	391	8,957	1,521	21,399	18,740	40,886
2540	SASH, DOOR & OTHER MILLWORK PLANTS	126	3,029	480	3,509	70,055	2,096	134,797	121,632	255,997
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	58	889	130	1,019	20,444	847	42,900	41,850	84,682
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	17	1,415	192	1,607	34,023	818	75,588	49,608	124,671
2544	MFRS. OF WOODEN KITCHEN CABINETS	51	725	158	883	15,587	432	16,309	30,175	46,643
2560	WOODEN BOX FACTORIES	8	*	*	*	*	*	*	*	*
2580	COFFIN & CASKET INDUSTRY	4	13	12	25	370	16	566	961	1,527
2590	MISCELLANEOUS WOOD INDUSTRIES	25	354	54	408	8,108	1,593	18,489	15,795	35,305
2591	WOOD PRESERVATION INDUSTRY	9	179	14	193	3,786	689	12,637	10,174	23,789
2593	MFRS. OF PARTICLE BOARD	1	*	*	*	*	*	*	*	*
2599	MISC. WOOD INDUSTRIES, N.E.S.	15	*	*	*	*	*	*	*	*
2610	HOUSEHOLD FURNITURE MFRS.	113	800	319	1,119	15,061	448	27,305	24,492	52,079
2611	FURNITURE RE-UPHOLSTERY & REPAIR	78	260	93	353	4,216	*	6,917	5,879	12,796
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	35	540	226	766	10,845	448	20,388	18,613	39,283
2640	OFFICE FURNITURE MFRS.	13	420	135	555	10,147	294	15,425	21,375	36,215
2660	MISC. FURNITURE & FIXTURE MFRS.	29	431	129	560	10,562	256	18,382	17,929	35,993
2710	PULP & PAPER MILLS	5	1,039	143	1,182	34,474	11,944	107,998	96,630	211,911
2720	ASPHALT ROOFING MFRS.	3	175	24	199	4,403	1,133	35,297	29,725	65,297
2730	PAPER BOX & BAG MFRS.	18	*	*	*	*	*	*	*	*
2731	FOLDING CARTON & SET-UP BOX MFRS.	1	*	*	*	*	*	*	*	*
2732	CORRUGATED BOX MFRS.	8	380	88	468	10,279	*	34,181	19,600	54,131
2733	PAPER & PLASTIC BAG MFRS.	9	308	180	488	9,007	529	26,633	14,628	41,569
2740	MISCELLANEOUS PAPER CONVERTERS	9	*	*	*	*	*	*	*	*
2860	COMMERCIAL PRINTING	211	2,319	1,018	3,337	67,242	1,282	78,909	114,306	194,472
2870	PLATEMAKING, TYPESETTING, ETC. IND.	29	234	197	431	7,927	132	4,977	11,346	16,378
2880	PUBLISHING ONLY	50	178	196	374	5,910	*	8,685	8,982	17,613
2890	PUBLISHING & PRINTING	73	2,232	1,489	3,721	73,705	1,412	61,453	163,266	226,131
	TOTAL	771	14,651	4,849	19,500	394,416	30,949	712,749	750,960	1,477,146

TABLE 14
PRINCIPAL MANUFACTURING STATISTICS,
NON-METALLIC MINERAL PRODUCTS, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
3510	CLAY PRODUCTS MFRS.	16	314	51	365	8,313	1,535	6,358	12,510	19,024
3511	CLAY PRODUCTS MFRS. (DOMESTIC CLAY)	11	*	*	*	*	*	*	*	*
3512	CLAY PRODUCTS MFRS. (IMPORTED CLAY)	5	*	*	*	*	*	*	*	*
3520	CEMENT MFRS.	3	*	*	*	*	*	*	*	*
3530	STONE PRODUCTS MFRS.	5	56	5	61	939	*	838	2,218	3,073
3540	CONCRETE PRODUCTS MFRS.	43	1,806	137	1,943	46,580	3,585	67,889	93,428	162,250
3541	CONCRETE PIPE MFRS.	7	489	38	527	12,921	884	20,704	25,718	48,016
3542	MFRS. STRUCTURAL CONCRETE PRODUCTS	13	909	47	956	23,372	1,117	30,517	47,615	76,750
3549	CONCRETE PRODUCTS MFRS. N.E.S.	23	408	52	460	10,287	1,584	16,669	20,095	37,484
3550	READY-MIX CONCRETE MFRS.	75	1,736	231	1,967	46,975	7,098	126,942	84,329	221,718
3560	GLASS & GLASS PRODUCTS MFRS.	10	*	*	*	*	*	*	*	*
3561	GLASS MFRS.	1	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	9	32	21	53	764	*	2,328	1,520	3,916
3580	LIME MFRS.	2	*	*	*	*	*	*	*	*
3590	MISC. NON-METALLIC MINERAL PRODUCTS	10	*	*	*	*	*	*	*	*
3599	MISC. NON-METALLIC MINERAL, N.E.S.	10	910	147	1,057	23,672	6,550	56,957	68,002	131,248
TOTAL		164	5,859	890	6,749	160,206	41,647	303,283	378,972	721,400

TABLE 15
PRINCIPAL MANUFACTURING STATISTICS,
MANUFACTURING INDUSTRIES, N.E.S., ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	EMPLOYEES			SALARIES & WAGES	COST OF FUEL & ELEC-TRI-CITY	COST OF MATERIALS AND SUPPLIES USED	VALUE ADDED	VALUE OF SHIPMENTS OF GOODS OF OWN MFR.
			MALE	FEMALE	TOTAL					
		NO.	NO.	NO.	NO.	$000	$000	$000	$000	$000
1820	WOOL YARN & CLOTH MILLS	1	*	*	*	*	*	*	*	*
1830	MAN-MADE FIBRE, YARN & CLOTH MILLS	1	*	*	*	*	*	*	*	*
1831	FIBRE & FILAMENT YARN MFRS.	1	*	*	*	*	*	*	*	*
1840	CORDAGE & TWINE INDUSTRY	1	*	*	*	*	*	*	*	*
1860	CARPET, MAT & RUG INDSUTRY	1	*	*	*	*	*	*	*	*
1870	CANVAS PRODUCTS, COTTON & JUTE BAGS	11	*	*	*	*	*	*	*	*
1871	COTTON & JUTE BAGS MFRS.	2	*	*	*	*	*	*	*	*
1872	CANVAS PRODUCTS MFRS.	9	73	152	225	3,889	105	7,873	5,918	14,046
1890	MISCELLANEOUS TEXTILE INDUSTRIES	29	*	*	*	*	*	*	*	*
1893	EMBROIDERY, PLEATING & HEMSTITCHING	4	*	*	*	*	*	*	*	*
1894	TEXTILE DYEING & FINISHING PLANTS	3	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	22	77	176	253	3,784	91	6,855	4,937	11,888
2390	KNITTING MILLS (EXCEPT HOSIERY MILL	2	*	*	*	*	*	*	*	*
2392	OTHER KNITTING MILLS	2	*	*	*	*	*	*	*	*
2430	MEN'S CLOTHING INDUSTRIES	22	*	*	*	*	*	*	*	*
2431	MEN'S CLOTHING FACTORIES	21	226	1,382	1,608	23,938	404	37,880	40,632	76,482
2432	MEN'S CLOTHING CONTRACTORS	1	*	*	*	*	*	*	*	*
2440	WOMEN'S CLOTHING INDUSTRIES	4	*	*	*	*	*	*	*	*
2441	WOMEN'S CLOTHING FACTORIES	4	*	*	*	*	*	*	*	*
2460	FUR GOODS INDUSTRY	3	*	*	*	*	*	*	*	*
2490	MISCELLANEOUS CLOTHING INDUSTRIES	4	25	83	108	1,276	*	3,245	2,090	5,131
2492	HAT & CAP INDUSTRY	2	*	*	*	*	*	*	*	*
2499	MISC. CLOTHING INDS., N.E.S.	2	*	*	*	*	*	*	*	*
3910	SCIENTIFIC & PROFESSIONAL EQUIPMENT	101	970	400	1,370	25,798	238	29,774	26,939	55,505
3911	INSTRUMENT & RELATED PRODUCTS MFRS.	20	475	154	629	14,087	165	17,888	12,654	29,237
3913	ORTHOPAEDIC & SURGICAL APPLIANCE	5	12	5	17	276	*	437	553	990
3914	OPHTHALMIC GOODS MFRS.	19	157	101	258	4,163	73	6,044	4,312	10,453
3915	DENTAL LABORATORIES	57	326	140	466	7,272	*	5,405	9,420	14,825
3920	JEWELLERY & SILVERWARE INDUSTRY	16	48	33	81	1,517	*	2,190	2,223	4,423
3930	SPORTING GOODS & TOY INDUSTRIES	8	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	7	48	8	56	1,007	*	2,493	1,276	4,007
3932	TOYS & GAMES MFRS.	1	*	*	*	*	*	*	*	*
3970	SIGNS & DISPLAYS INDUSTRY	51	451	119	570	11,818	322	8,084	13,805	22,063
3990	MISCELLANEOUS MFG. INDUSTRIES, N.E.	33	*	*	*	*	*	*	*	*
3991	BROOM, BRUSH & MOP MFRS.	2	*	*	*	*	*	*	*	*
3994	SOUND RECORDING-MUSICAL INSTRUMENTS	1	*	*	*	*	*	*	*	*
3996	PEN & PENCIL MFRS.	1	*	*	*	*	*	*	*	*
3999	OTHER MISC. MANUFACTURING INDS.	29	153	110	263	3,951	106	7,608	8,642	16,254
	TOTAL	288	2,427	2,949	5,376	91,295	2,494	163,037	144,970	303,711

SECTION D

Manufacturing Employment Statistics

EMPLOYMENT STATISTICS BY MANUFACTURING INDUSTRY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	WORK-ING OWNERS	PRODUCTION AND RELATED EMPLOYEES				NON-PRODUCTION EMPLOYEES		
				MALE	FEMALE	HOURS PAID	WAGES	MALE	FEMALE	SALARIES
		NO.	NO.	NO.	NO.	,000	$000	NO.	NO.	$000
TOTAL ALL INDUSTRIES		**2,452**	**220**	**50,105**	**10,290**	**124,178**	**1,214,074**	**18,416**	**7,545**	**639,835**
FOOD AND BEVERAGE INDUSTRIES		**377**	**34**	**9,070**	**2,585**	**23,560**	**224,377**	**3,787**	**1,291**	**114,058**
101	MEAT & POULTRY PRODUCTS INDUSTRIES	69	5	4,055	1,151	10,598	106,128	932	377	29,148
1011	SLAUGHTERING & MEAT PROCESSORS	64	5	3,771	632	8,927	92,420	901	342	27,853
1012	POULTRY PROCESSORS	5	-	284	519	1,671	13,708	31	35	1,295
103	FRUIT & VEGETABLE PROCESSING INDS.	7	*	*	*	*	*	*	*	*
1031	FRUIT & VEG. CANNERS & PRESERVERS	5	-	115	62	360	2,360	41	8	1,001
1032	FROZEN FRUIT & VEGETABLE PROCESSORS	2	*	*	*	*	*	*	*	*
104	DAIRY PRODUCTS INDUSTRY	34	1	919	124	2,108	20,326	883	254	23,952
105	FLOUR & BREAKFAST CEREAL PRODUCTS	5	-	266	27	621	5,435	108	41	2,860
106	FEED INDUSTRY	72	-	648	21	1,352	11,535	241	93	6,881
107	BAKERY PRODUCTS INDUSTRIES	131	*	*	*	*	*	*	*	*
1071	BISCUIT MFRS.	1	*	*	*	*	*	*	*	*
1072	BAKERIES	130	28	757	595	2,556	22,622	348	111	11,074
108	MISCELLANEOUS FOOD INDUSTRIES	34	*	*	*	*	*	*	*	*
1081	CONFECTIONERY MFRS.	2	*	*	*	*	*	*	*	*
1082	CANE & BEET SUGAR PROCESSORS	1	*	*	*	*	*	*	*	*
1083	VEGETABLE OIL MILLS	5	*	*	*	*	*	*	*	*
1089	MISC. FOOD PROCESSORS, N.E.S.	26	-	340	286	1,270	10,408	309	100	8,627
109	BEVERAGE INDUSTRIES	25	-	1,356	157	3,142	30,549	641	205	20,868
1091	SOFT DRINK MFRS.	14	-	538	106	1,345	10,639	375	112	10,706
1092	DISTILLERIES	3	*	*	*	*	*	*	*	*
1093	BREWERIES	5	-	650	5	1,334	15,151	177	65	7,399
1094	WINERIES	3	*	*	*	*	*	*	*	*
RUBBER & PLASTICS PRODUCTS INDUSTRIES		**62**	*	*	*	*	*	*	*	*
162	RUBBER PRODUCTS INDUSTRIES	4	*	*	*	*	*	*	*	*
1623	TIRE & TUBE MFRS.	1	*	*	*	*	*	*	*	*
1629	MISCELLANEOUS RUBBER PRODUCTS MFRS.	3	*	*	*	*	*	*	*	*
165	PLASTICS FABRICATING INDUSTRY, N.E.S.	58	*	*	*	*	*	*	*	*

TABLE 18 (CONTINUED)
EMPLOYMENT STATISTICS BY MANUFACTURING INDUSTRY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	WORK-ING OWNERS	PRODUCTION AND RELATED EMPLOYEES				NON-PRODUCTION EMPLOYEES		
				MALE	FEMALE	HOURS PAID	WAGES	MALE	FEMALE	SALARIES
		NO.	NO.	NO.	NO.	,000	$000	NO.	NO.	$000
LEATHER INDUSTRIES		14	-	178	87	537	3,881	23	13	795
172	LEATHER TANNERIES	3	*	*	*	*	*	*	*	*
174	SHOE FACTORIES	1	*	*	*	*	*	*	*	*
175	LEATHER GLOVE FACTORIES	1	*	*	*	*	*	*	*	*
179	LUGGAGE, HANDBAG, ETC. MFRS.	9	*	*	*	*	*	*	*	*
1799	MISC. LEATHER PRODUCTS MFRS.	9	*	*	*	*	*	*	*	*
TEXTILE INDUSTRIES		44	10	265	410	1,353	10,871	142	99	5,423
182	WOOL YARN & CLOTH MILLS	1	*	*	*	*	*	*	*	*
183	MAN-MADE FIBRE, YARN & CLOTH MILLS	1	*	*	*	*	*	*	*	*
1831	FIBRE & FILAMENT YARN MFRS.	1	*	*	*	*	*	*	*	*
184	CORDAGE & TWINE INDUSTRY	1	*	*	*	*	*	*	*	*
186	CARPET, MAT & RUG INDUSTRY	1	*	*	*	*	*	*	*	*
187	CANVAS PRODUCTS, COTTON & JUTE BAGS	11	*	*	*	*	*	*	*	*
1871	COTTON & JUTE BAGS MFRS.	2	*	*	*	*	*	*	*	*
1872	CANVAS PRODUCTS MFRS.	9	-	46	125	351	2,335	27	27	1,555
189	MISCELLANEOUS TEXTILE INDUSTRIES	29	*	*	*	*	*	*	*	*
1893	EMBROIDERY, PLEATING & HEMSTITCHING	4	*	*	*	*	*	*	*	*
1894	TEXTILE DYEING & FINISHING PLANTS	3	*	*	*	*	*	*	*	*
1899	MISC. TEXTILE INDUSTRIES, N.E.S.	22	7	49	152	398	2,803	28	24	981
KNITTING MILLS		2	*	*	*	*	*	*	*	*
239	KNITTING MILLS (EXCEPT HOSIERY MILLS)	2	*	*	*	*	*	*	*	*
2392	OTHER KNITTING MILLS	2	*	*	*	*	*	*	*	*
CLOTHING INDUSTRIES		33	8	153	1,517	2,959	19,574	135	174	8,891
243	MEN'S CLOTHING INDUSTRIES	22	*	*	*	*	*	*	*	*
2431	MEN'S CLOTHING FACTORIES	21	4	107	1,212	2,316	15,530	119	170	8,407
2432	MEN'S CLOTHING CONTRACTORS	1	*	*	*	*	*	*	*	*
244	WOMEN'S CLOTHING INDUSTRIES	4	*	*	*	*	*	*	*	*
2441	WOMEN'S CLOTHING FACTORIES	4	*	*	*	*	*	*	*	*
246	FUR GOODS INDUSTRY	3	*	*	*	*	*	*	*	*
249	MISCELLANEOUS CLOTHING INDUSTRIES	4	1	24	82	198	1,251	1	1	25
2492	HAT & CAP INDUSTRY	2	*	*	*	*	*	*	*	*
2499	MISC. CLOTHING INDS., N.E.S.	2	*	*	*	*	*	*	*	*

TABLE 18 (CONTINUED)
EMPLOYMENT STATISTICS BY MANUFACTURING INDUSTRY,
ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	WORK-ING OWNERS	PRODUCTION AND RELATED EMPLOYEES				NON-PRODUCTION EMPLOYEES		
				MALE	FEMALE	HOURS PAID	WAGES	MALE	FEMALE	SALARIES
		NO.	NO.	NO.	NO.	,000	$000	NO.	NO.	$000
WOOD INDUSTRIES		**218**	**39**	**4,893**	**532**	**11,024**	**104,783**	**1,115**	**384**	**38,109**
251	SAWMILLS, PLANING & SHINGLE MILLS	51	*	*	*	*	*	*	*	*
2511	SHINGLE MILLS	1	*	*	*	*	*	*	*	*
2513	SAWMILLS & PLANING MILLS	50	15	1,941	163	4,229	44,017	292	78	9,658
252	VENEER & PLYWOOD MILLS	4	-	238	76	642	6,764	53	24	2,193
254	SASH, DOOR & OTHER MILLWORK PLANTS	126	19	2,320	246	5,259	45,890	709	234	24,164
2541	SASH, DOOR & OTHER MILLWORK, N.E.S.	58	7	710	72	1,624	13,888	179	58	6,557
2543	PRE-FABRICATED BLDGS. (WOOD FRAME)	17	2	1,005	66	2,209	20,204	410	126	13,818
2544	MFRS. OF WOODEN KITCHEN CABINETS	51	10	605	108	1,426	11,798	120	50	3,789
256	WOODEN BOX FACTORIES	8	*	*	*	*	*	*	*	*
258	COFFIN & CASKET INDUSTRY	4	-	10	10	43	283	3	2	87
259	MISCELLANEOUS WOOD INDUSTRIES	25	3	305	33	686	6,429	49	21	1,679
2591	WOOD PRESERVATION INDUSTRY	9	-	165	5	338	3,274	14	9	512
2593	MFRS. OF PARTICLE BOARD	1	*	*	*	*	*	*	*	*
2599	MISC. WOOD INDUSTRIES, N.E.S.	15	*	*	*	*	*	*	*	*
FURNITURE & FIXTURE INDUSTRIES		**155**	**40**	**1,471**	**448**	**3,878**	**28,902**	**185**	**139**	**6,973**
261	HOUSEHOLD FURNITURE MFRS.	113	40	733	279	2,080	13,238	67	40	1,823
2611	FURNITURE RE-UPHOLSTERY & REPAIR	78	34	260	93	767	4,216	-	-	-
2619	HOUSEHOLD FURNITURE MFRS., N.E.S.	35	6	473	186	1,313	9,022	67	40	1,823
264	OFFICE FURNITURE MFRS	13	-	353	93	934	7,087	67	42	3,061
266	MISC. FURNITURE & FIXTURE MFRS.	29	-	385	74	964	8,577	46	55	1,984
PAPER & ALLIED INDUSTRIES		**35**	**1**	**1,720**	**285**	**4,352**	**47,487**	**309**	**185**	**13,508**
271	PULP & PAPER MILLS	5	-	942	75	2,271	28,855	97	68	5,619
272	ASPHALT ROOFING MFRS.	3	-	136	1	274	2,811	39	23	1,593
273	PAPER BOX & BAG MFRS.	18	*	*	*	*	*	*	*	*
2731	FOLDING CARTON & SET-UP BOX MFRS.	1	*	*	*	*	*	*	*	*
2732	CORRUGATED BOX MFRS.	8	-	306	54	767	7,596	74	34	2,683
2733	PAPER & PLASTIC BAG MFRS.	9	-	243	138	811	6,567	65	42	2,440
274	MISCELLANEOUS PAPER CONVERTERS	9	*	*	*	*	*	*	*	*
PRINTING, PUBLISHING & ALLIED INDS.		**383**	**32**	**3,557**	**1,586**	**10,343**	**98,028**	**1,408**	**1,304**	**56,758**
286	COMMERCIAL PRINTING	211	18	1,809	695	4,961	46,642	510	323	20,600
287	PLATEMAKING, TYPESETTING, ETC. IND.	29	3	187	160	699	6,180	47	37	1,748
288	PUBLISHING ONLY	50	4	-	-	-	-	178	196	5,910
289	PUBLISHING & PRINTING	73	7	1,561	741	4,683	45,206	671	748	28,499

TABLE 16 (CONTINUED)
EMPLOYMENT STATISTICS BY MANUFACTURING INDUSTRY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	WORK-ING OWNERS	PRODUCTION AND RELATED EMPLOYEES				NON-PRODUCTION EMPLOYEES		
				MALE	FEMALE	HOURS PAID	WAGES	MALE	FEMALE	SALARIES
		NO.	NO.	NO.	NO.	,000	$000	NO.	NO.	$000
	PRIMARY METAL INDUSTRIES	**29**	**1**	**3,379**	**101**	**7,301**	**80,418**	**716**	**238**	**28,223**
291	IRON & STEEL MILLS	4	*	*	*	*	*	*	*	*
292	STEEL PIPE & TUBE MILLS	4	-	1,288	50	2,720	31,398	78	29	3,354
294	IRON FOUNDRIES	6	-	471	3	957	9,167	51	16	2,133
295	SMELTING & REFINING	1	*	*	*	*	*	*	*	*
296	ALUMINUM ROLLING, CASTING & EXTRUDING	6	*	*	*	*	*	*	*	*
297	COPPER ROLLING, CASTING & EXTRUDING	1	*	*	*	*	*	*	*	*
299	METAL ROLLING, CASTING, ETC., N.E.S.	7	*	*	*	*	*	*	*	*
	METAL FABRICATING INDUSTRIES	**382**	**14**	**7,210**	**445**	**16,136**	**153,416**	**2,124**	**715**	**71,248**
301	BOILER & PLATE WORKS	15	-	792	10	1,671	17,269	193	64	6,569
302	FABRICATED STRUCTURAL METAL INDUSTRY	34	-	1,554	38	3,375	37,177	461	150	14,797
303	ORNAMENTAL & ARCHITECTURAL METAL IND.	77	4	1,064	216	2,699	22,642	422	120	12,945
3031	METAL DOOR & WINDOW MFRS.	30	-	569	185	1,593	11,680	301	87	8,654
3039	ORNAMENT & ARCHITECT METAL, N.E.S.	47	4	495	31	1,106	10,962	121	33	4,291
304	METAL STAMPING, PRESSING & COATING	70	4	1,220	87	2,763	24,602	352	138	11,872
3041	METAL COATING INDUSTRY	18	2	475	10	1,019	9,701	75	36	2,815
3042	METAL STAMPING & PRESSING INDUSTRY	52	2	745	77	1,743	14,901	277	102	9,056
305	WIRE & WIRE PRODUCTS MFRS.	11	*	*	*	*	*	*	*	*
3051	UPHOLSTERY AND COIL SPRING INDS.	1	*	*	*	*	*	*	*	*
3059	OTHER WIRE PRODUCTS INDUSTRY	10	-	220	10	484	4,233	139	41	4,100
306	HARDWARE, TOOL & CUTLERY MFRS.	19	*	*	*	*	*	*	*	*
307	HEATING EQUIPMENT MFRS.	6	-	205	11	461	3,356	103	21	3,109
308	MACHINE SHOPS	109	5	1,403	50	3,053	29,010	184	85	7,579
309	MISCELLANEOUS METAL FABRICATING INDS.	41	1	636	13	1,357	12,883	193	74	7,694
	MACHINERY INDUSTRIES	**157**	**5**	**4,806**	**129**	**10,782**	**115,053**	**1,853**	**814**	**59,809**
311	AGRICULTURAL IMPLEMENT INDUSTRY	22	1	608	43	1,375	11,563	105	44	2,968
315	MISC. MACHINERY & EQUIPMENT MFRS.	135	4	4,198	86	9,407	103,490	1,269	421	43,607
	TRANSPORTATION EQUIPMENT INDUSTRIES	**79**	**3**	**1,824**	**224**	**4,253**	**40,508**	**935**	**205**	**26,285**
321	AIRCRAFT & AIRCRAFT PARTS MFRS.	16	2	409	27	895	9,470	180	60	4,811
324	TRUCK BODY & TRAILER MFRS.	45	*	*	*	*	*	*	*	*
3241	TRUCK BODY MFRS.	17	-	386	15	838	8,494	85	49	3,171
3242	NON-COMMERCIAL TRAILER MFRS.	20	-	496	162	1,376	11,520	118	28	3,435
3243	COMMERCIAL TRAILER MFRS.	8	*	*	*	*	*	*	*	*
325	MOTOR VEHICLE PARTS & ACCESS. MFRS.	6	-	137	5	288	3,040	20	10	979

TABLE 18 (CONTINUED)
EMPLOYMENT STATISTICS BY MANUFACTURING INDUSTRY,
ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	WORK-ING OWNERS	PRODUCTION AND RELATED EMPLOYEES				NON-PRODUCTION EMPLOYEES		
				MALE	FEMALE	HOURS PAID	WAGES	MALE	FEMALE	SALARIES
		NO.	NO.	NO.	NO.	,000	$000	NO.	NO.	$000
328	BOATBUILDING & REPAIR	7	-	37	9	96	846	8	3	205
329	MISCELLANEOUS VEHICLE MFRS.	5	*	*	*	*	*	*	*	*
ELECTRICAL PRODUCTS INDUSTRIES		**44**	**-**	**638**	**664**	**2,690**	**21,286**	**989**	**344**	**29,952**
331	MFRS. OF SMALL ELECTRICAL APPLIANCES	1	*	*	*	*	*	*	*	*
333	MFRS. OF LIGHTING FIXTURES	3	*	*	*	*	*	*	*	*
335	COMMUNICATIONS EQUIPMENT MFRS.	17	-	156	529	1,390	9,688	281	108	9,966
336	MFRS. ELECTRICAL INDUSTRIAL EQUIPMENT	15	-	232	89	683	6,077	286	115	9,687
338	MFRS. OF ELECTRIC WIRE & CABLE	4	*	*	*	*	*	*	*	*
339	MFRS. OF MISC. ELECTRICAL PRODUCTS	4	-	130	12	295	2,678	82	35	2,517
3391	BATTERY MFRS.	2	*	*	*	*	*	*	*	*
3399	MFRS. MISC. ELECTRICAL PRODS. N.E.S	2	*	*	*	*	*	*	*	*
NON-METALLIC MINERAL PRODUCTS INDS.		**184**	**18**	**4,523**	**337**	**10,126**	**112,084**	**1,338**	**553**	**48,122**
351	CLAY PRODUCTS MFRS.	16	6	231	34	532	5,228	83	17	3,086
3511	CLAY PRODUCTS MFRS. (DOMESTIC CLAY)	11	*	*	*	*	*	*	*	*
3512	CLAY PRODUCTS MFRS. (IMPORTED CLAY)	5	*	*	*	*	*	*	*	*
352	CEMENT MFRS.	3	*	*	*	*	*	*	*	*
353	STONE PRODUCTS MFRS.	5	-	52	2	113	806	4	3	134
354	CONCRETE PRODUCTS MFRS.	43	6	1,361	7	2,800	30,880	445	130	15,699
3541	CONCRETE PIPE MFRS.	7	-	373	-	788	8,543	116	38	4,378
3542	MFRS. STRUCTURAL CONCRETE PRODUCTS	13	2	664	3	1,377	15,094	245	44	8,278
3549	CONCRETE PRODUCTS MFRS. N.E.S.	23	4	324	4	635	7,243	84	48	3,044
355	READY-MIX CONCRETE MFRS.	75	1	1,392	75	3,048	35,926	344	156	11,050
356	GLASS & GLASS PRODUCTS MFRS.	10	*	*	*	*	*	*	*	*
3561	GLASS MFRS.	1	*	*	*	*	*	*	*	*
3562	GLASS PRODUCTS MFRS.	9	3	30	15	84	590	2	6	174
358	LIME MFRS.	2	*	*	*	*	*	*	*	*
359	MISC. NON-METALLIC MINERAL PRODUCTS	10	*	*	*	*	*	*	*	*
3599	MISC. NON-METALLIC MINERAL, N.E.S.	10	2	724	51	1,628	16,968	186	96	6,704
PETROLEUM & COAL PRODUCTS INDUSTRIES		**14**	**2**	**907**	**32**	**2,012**	**26,087**	**789**	**411**	**37,248**
365	PETROLEUM REFINERIES	9	*	*	*	*	*	*	*	*
3651	PETROLEUM REFINING	6	-	783	17	1,737	23,357	759	394	35,935
3652	MFRS. OF LUBRICATING OILS & GREASES	3	*	*	*	*	*	*	*	*
369	MISC. PETROLEUM & COAL PRODUCTS INDS.	5	*	*	*	*	*	*	*	*

TABLE 18 (CONCLUDED)
EMPLOYMENT STATISTICS BY MANUFACTURING INDUSTRY, ALBERTA, 1981

CODE	INDUSTRY GROUP AND INDUSTRY	REPORTING ESTAB-LISH-MENTS	WORK-ING OWNERS	PRODUCTION AND RELATED EMPLOYEES				NON-PRODUCTION EMPLOYEES		
				MALE	FEMALE	HOURS PAID	WAGES	MALE	FEMALE	SALARIES
		NO.	NO.	NO.	NO.	.000	$000	NO.	NO.	$000
	CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	**71**	**-**	**3,287**	**141**	**6,532**	**77,353**	**1,602**	**523**	**62,351**
372	MFRS. OF MIXED FERTILIZERS	4	-	18	-	32	288	18	5	802
373	MFRS. PLASTICS & SYNTHETIC RESINS	5	*	*	*	*	*	*	*	*
374	MFRS. PHARMACEUTICALS & MEDICINES	3	*	*	*	*	*	*	*	*
375	PAINT & VARNISH MFRS.	2	*	*	*	*	*	*	*	*
376	MFRS. OF SOAPS & CLEANING COMPOUNDS	10	-	44	11	118	967	33	20	1,113
378	MFRS. OF INDUSTRIAL CHEMICALS	17	-	2,179	89	5,009	61,561	1,104	363	44,685
3781	MFRS. OF PIGMENTS & DRY COLOURS	1	*	*	*	*	*	*	*	*
3782	INDUSTRIAL CHEMS. (INORGANIC) N.E.S	9	*	*	*	*	*	*	*	*
3783	INDUSTRIAL CHEMS. (ORGANIC) N.E.S.	7	-	1,062	68	2,592	32,386	540	192	22,572
379	MISCELLANEOUS CHEMICAL INDUSTRIES	30	*	*	*	*	*	*	*	*
3791	MFRS. OF PRINTING INKS	6	*	*	*	*	*	*	*	*
3799	MISC. CHEMICAL INDUSTRIES, N.E.S.	24	-	675	24	559	5,369	217	55	6,773
	MISCELLANEOUS MANUFACTURING INDUSTRIES	**209**	**13**	**1,210**	**502**	**3,595**	**27,926**	**508**	**205**	**17,790**
391	SCIENTIFIC & PROFESSIONAL EQUIPMENT	101	10	621	303	1,984	14,616	349	97	11,181
3911	INSTRUMENT & RELATED PRODUCTS MFRS.	20	-	168	81	516	4,156	307	73	9,931
3913	ORTHOPAEDIC & SURGICAL APPLIANCE	5	2	12	5	39	276	-	-	-
3914	OPHTHALMIC GOODS MFRS.	19	-	115	77	390	2,912	42	24	1,251
3915	DENTAL LABORATORIES	57	8	326	140	1,039	7,272	-	-	-
392	JEWELLERY & SILVERWARE INDUSTRY	16	1	42	25	163	-	6	8	-
393	SPORTING GOODS & TOY INDUSTRIES	8	*	*	*	*	*	*	*	*
3931	SPORTING GOODS MFRS.	7	-	39	-	87	685	9	8	321
3932	TOYS & GAMES MFRS.	1	*	*	*	*	*	*	*	*
397	SIGNS & DISPLAYS INDUSTRY	51	2	359	74	856	7,866	92	45	3,952
399	MISCELLANEOUS MFG. INDUSTRIES, N.E.S.	33	*	*	*	*	*	*	*	*
3991	BROOM, BRUSH & MOP MFRS.	2	*	*	*	*	*	*	*	*
3994	SOUND RECORDING-MUSICAL INSTRUMENTS	1	*	*	*	*	*	*	*	*
3996	PEN & PENCIL MFRS.	1	*	*	*	*	*	*	*	*
3999	OTHER MISC. MANUFACTURING INDS.	29	-	133	86	443	3,141	20	24	810

APPENDICES

APPENDIX A

GLOSSARY

Ancillary Unit: Any auxiliary unit other than a head office or other administrative office.

Auxiliary Unit: Any non-establishment (i.e., non-manufacturing) statistical unit such as a head office, sales office, warehouse and so on.

Cost of Materials and Supplies, Fuel and Electricity: Consumption of purchased items at laid-down cost. Includes inter-company and intra-company transfers, contract work by others and motor fuel consumption.

Edmonton Metro: The City of Edmonton plus any surrounding communities where the bulk of the employed population works in the City of Edmonton. Includes these municipalities: Edmonton Proper, Fort Saskatchewan, St. Albert, Gibbons, Morinville, Bon Accord, Legal, Strathcona Co. #20, Sturgeon M.D. #99, Alex Reserve #134, and Redwater.

Edmonton Proper: The City of Edmonton.

Employees: Production and non-production employees engaged in the manufacturing industry.

Establishment: Smallest operating unit capable of reporting specific input and output data, usually a factory, plant or a mill. Note that a company's production may be reported through more than one establishment.

Note: For a more detailed discussion of terminology, see Statistics Canada publication Concepts and Definitions of the Census of Manufactures, Catalogue 31-528.

Gross Domestic Product (GDP): A measure of total production for a certain time period within certain geographic boundaries, in this case Alberta provincial borders. GDP at factor cost is a measure of total production as calculated by the earnings of the actual factors of production (land, labour, capital). This production figure does not show the additional income accrued by non-factor components of gross domestic product (indirect taxes less subsidies, the residual).

Manufacturing Activity: Consists of a manufacturing establishment's cost of materials and supplies used, plus cost of fuel and electricity used, plus value added.

Non-Manufacturing Activity: Comprised of an establishment's secondary activities such as the warehousing and distribution of own goods, the merchandising of goods purchased for resale as such, the carrying out of construction with own labour force for own use, and so on.

Non-Production Employees: Employees on the executive, administrative, sales office and warehousing staff. Those not directly involved in the manufacture of goods. See "Production Employees."

Principal Manufacturing Statistics: For each reporting unit, consist of number of employees, total wages and salaries, cost of materials and supplies, cost of fuel and electricity, value of shipments, and value added.

Production Employees: Employees engaged in processing and assembling, storing, inspecting (including quality control), handling and packing manufactured goods. Includes employees in related activities such as maintenance, repair, janitorial and watchman services, and working foremen doing similar work to that of employees they supervise. See "Non-production Employees."

Reporting Establishments: The manufacturing establishments that responded to the survey, including those smaller manufacturers for which Revenue Canada tax information was used. See "Total Establishments."

Salaries and Wages: Reported before income tax deductions and employee benefits. Comprise all man-hours paid for regular work, overtime, paid leave, bonuses, commissions, etc.

Standard Industrial Classification (SIC): A method of uniformly categorizing establishments in the same or a similar kind of economic activity. Manufacturing activities are divided into general categories called divisions (2-digit codes), which are subdivided into classes (3-digit codes), then into component groups (4-digit codes). Care must be taken if compiling data to the two digit level, not to add figures for both three-digit industries and their four-digit components, as this will result in double counting. The 1981 publication of manufacturing activity utilizes the 1970 revision of the Standard Industrial Classification. For a complete list of manufacturing SIC codes and descriptions, see Appendix C.

Total Activity: The composite of an establishment's manufacturing and non-manufacturing activity.

Total Establishments: All Alberta-located manufacturing establishments plus non-manufacturing head offices or other auxiliary units. See "Reporting Establishments".

Value Added: A measure of net output, that is, of gross output less those purchased inputs which have been embodied in the value of the product. Gross output is production in a given period, calculated as revenue (or shipments) adjusted for inventory change. Also described as the value of shipments of own manufacture plus net change in inventory of goods both in process and completed, less cost of materials and supplies, fuel and electricity.

Value of Shipments of Goods of Own Manufacture: Gross value of goods produced by the reporting establishment from its own materials or for its account. Value is net of discounts, returns and allowances, sales tax, excise taxes and duties, returnable containers and common or contract carriers, charges

for outward transportation (but not of own carriers' delivery expenses). Includes repair and customs revenue, transfers to reporting units of the same firm, all exports, and book value of own products shipped on a rental basis. Unsold domestic consignment shipments are not included. For two industries, the fabricated structural metal industry, and aircraft and aircraft parts manufacturers, value of production is substituted for value of shipments.

APPENDIX B

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1981

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Airdrie	1	Feeds	1060
	1	Bakeries	1072
	1	Misc. Food Processors	1089
	1	Sash, Door & Other Millwork	2541
	1	Household Furniture	2619
	1	Publishing	2880
	1	Hardware & Tools	3060
	2	Non-Commercial Trailers	3242
	1	Boatbuilding & Repair	3280
	1	Electrical Industrial Equipment	3360
	1	Clay Products (domestic clay)	3512
	1	Concrete Products	3549
	1	Ready-Mix Concrete	3550
	1	Misc. Manufacturing	3999
Alberta Beach	1	Furniture Re-Upholstery & Repair	2611
Andrew	1	Dairies	1040
Ardrossan	1	Machine Shops	3080
Athabasca	1	Feeds	1060
	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Pulp & Paper Mills	2710
	1	Commerical Printing	2860
	1	Publishing, Printing	2890
Athabasca Co. #12	1	Sawmills & Planing Mills	2513
Banff	2	Dairies	1040
	1	Bakeries	1072
	1	Other Knitting Mills	2392
	1	Furniture Re-Upholstery & Repair	2611
	1	Publishing	2880
	2	Publishing & Printing	2890
Barons	1	Agricultural Implement	3110
Barrhead	1	Meat Products	1011
	1	Dairies	1040
	2	Feeds	1060
	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Household Furniture	2619
	1	Publishing Only	2880
	1	Ready-Mix Concrete	3550
Barrhead Co. #11	2	Sawmills & Planing Mills	2513
Bashaw	1	Dairies	1040
	1	Bakeries	1072
	1	Publishing & Printing	2890
Bassano	1	Feeds	1060
	1	Miscellaneous Food	1089
	1	Miscellaneous Paper Converters	2740
	1	Publishing & Printing	2890
	1	Electrical Industrial Equipment	3360
Beaumont	1	Miscellaneous Food Processors	1089
	1	Concrete Products	3549
Beaverlodge	1	Meat Products	1011
	1	Bakeries	1072
	1	Publishing & Printing	2890
Beiseker	1	Ready-Mix Concrete	3550
	1	Mixed Fertilizers	3720
Bellevue	1	Dairies	1040
Bittern Lake	1	Metal Stamping & Pressing	3042
Blackfalds	1	Ornamental & Arch. Metal	3039
Blackie	1	Concrete Products	3549
	1	Miscellaneous Chemical	3799

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1981

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Blairmore	1	Sawmills & Planing Mills	2513
	1	Wooden Boxes	2560
	1	Publishing	2880
	1	Publishing & Printing	2890
	1	Machine Shops	3080
	1	Dental Laboratories	3915
Bonnyville	2	Meat Products	1011
	1	Dairies	1040
	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	2	Wooden Kitchen Cabinets	2544
	1	Furniture Reupholstery & Repair	2611
	1	Publishing & Printing	2890
	1	Machine Shops	3080
	1	Misc. Machinery & Equipment	3150
	1	Commerical Trailer	3243
	1	Signs & Displays	3970
Bonnyville M.D. #87	1	Bakeries	1072
	1	Aircraft & Aircraft Parts	3210
	1	Ready-Mix Concrete	3550
Bowden	1	Commercial Printing	2860
	1	Non-Commercial Trailers	3242
Bow Island	1	Bakeries	1072
	1	Publishing & Printing	2890
Boyle	1	Feeds	1060
	1	Sawmills & Planing Mills	2513
Brocket	1	Feeds	1060
	1	Men's Clothing	2431
Brooks	2	Meat Products	1011
	2	Feeds	1060
	1	Bakeries	1072
	1	Sash, Door & Other Millwork	2541
Brooks (cont'd)	1	Furniture Re-Upholstery & Repair	2611
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Steel Pipe & Tube	2920
	1	Hardware Tool & Cutlery	3060
	2	Machine Shops	3080
	1	Misc. Machinery & Equipment	3150
	1	Ready-Mix Concrete	3550
Buck Lake	1	Wood Preservation	2591
Cadogan	1	Meat Products	1011
	1	Concrete Products	3549
Calmar	1	Feed Industry	1060
	1	Bakeries	1072
Camrose	1	Meat Products	1011
	1	Dairies	1040
	1	Flour & Cereal	1050
	1	Feeds	1060
	1	Bakeries	1072
	1	Miscellaneous Textiles	1899
	1	Wood Kitchen Cabinets	2544
	1	Furniture Re-upholstery & Repair	2611
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Steel Pipe and Tube	2920
	1	Boiler & Plate Works	3010
	1	Metal Stamping & Pressing	3042
	2	Machine Shops	3080
	1	Truck Bodies	3241
	1	Ready-Mix Concrete	3550
	1	Opthalmic Goods	3914
	1	Dental Labs	3915
	1	Signs & Displays	3970
Camrose Co. #22	1	Feeds	1060
	1	Wood Preservation	2591

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1981

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Canmore	1	Bakeries	1072
	1	Commercial Printing	2860
	1	Publishing Only	2880
	1	Ready-Mix Concrete	3550
	1	Miscellaneous Manufacturing	3999
Cardston	1	Meat Products	1011
	1	Feeds	1060
	1	Men's Clothing	2431
	1	Wooden Kitchen Cabinets	2544
Carrot Creek	3	Sawmills & Planing Mills	2513
Carseland	1	Agricultural Implement	3110
	1	Industrial Chemicals (Organic)	3783
	1	Miscellaneous Chemicals	3799
Carstairs	1	Miscellaneous Textiles	1899
	1	Publishing & Printing	2890
Castor	1	Meat Products	1011
	1	Dairies	1040
	1	Feeds	1060
	1	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550
Chisholm	4	Sawmills & Planing Mills	2513
Claresholm	1	Feeds	1060
	1	Bakeries	1072
	1	Shingle Mills	2511
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Misc. Machinery & Equipment	3150
	1	Motor Vehicle Parts & Accessories	3250
	1	Boatbuilding & Repair	3280
	1	Ready-Mix Concrete	3550
Coaldale	1	Meat Products	1011
	1	Feeds	1060
Coaldale (cont'd)	1	Plastic Fabricating	1650
	1	Miscellaneous Textile Industries	1899
	1	Metal Door & Window	3031
	1	Agricultural Implement	3110
	1	Truck Bodies	3241
	1	Other Miscellaneous	3999
Coalhurst	1	Ornamental & Arch. Metal	3039
Cochrane	1	Bakeries	1072
	1	Plastic Fabricating	1650
	1	Sawmills & Planing Mills	2513
	1	Wood Preservation	2591
	1	Miscellaneous Wood Industries	2599
	1	Metal Rolling, Casting & Extruding	2980
	1	Ornamental & Architectural Metal	3039
	1	Miscellaneous Machinery & Equip.	3150
	1	Signs & Displays	3970
	1	Miscellaneous Manufacturing	3999
Coleman	1	Sawmills & Planing Mills	2513
	1	Wood Preservation	2591
	1	Lime	3580
	1	Miscellaneous Chemical	3799
College Heights	1	Household Furniture	2619
	1	Commercial Printing	2860
	1	Industrial Chemicals (Organic)	3783
Condor	1	Sash, Door & Other Millwork	2541
Consort	1	Publishing & Printing	2890
	1	Machine Shops	3080
Coronation	1	Bakeries	1072
	1	Publishing & Printing	2890
Cowley	1	Sawmills & Planing Mills	2513
	1	Ready-Mix Concrete	3550

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1981

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Cremona	1	Sawmills & Planing Mills	2513
	1	Misc. Machinery & Equipment	3150
Crossfield	1	Boiler & Plate Works	3010
	1	Machine Shops	3080
Daysland	1	Commercial Printing	2860
Delburne	1	Feeds	1060
	1	Sash, Door & Other Millwork	2541
	1	Alum. Rolling, Casting & Extruding	2960
Devon	1	Miscellaneous Leather Products	1799
	1	Publishing & Printing	2890
	1	Machine Shops	3080
Dewberry	1	Wooden Kitchen Cabinets	2544
Didsbury	1	Meat Products	1011
	1	Dairies	1040
	1	Feeds	1060
	1	Bakeries	1072
	1	Commercial Printing	2860
	1	Agricultural Implement	3110
	1	Ready-Mix Concrete	3550
Donalda	1	Dairies	1040
Donnelly	1	Sawmills & Planing Mills	2513
Drayton Valley	1	Bakeries	1072
	1	Furniture Re-Upholstery & Repair	2611
	1	Commercial Printing	2860
	2	Publishing & Printing	2890
	1	Machine Shops	3080
	1	Misc. Metal Fabricating	3090
	1	Communications Equipment	3350
	1	Ready-Mix Concrete	3550
Drumheller	1	Furniture Re-Upholstery & Repair	2611
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550
	2	Dental Laboratories	3915
Duchess	1	Slaughtering & Meat Processors	1011
Dunmore	1	Wooden Box Factories	2560
Eckville	1	Non-Commercial Trailer	3242
	1	Clay Products (domestic clay)	3511
	1	Concrete Products	3549
Edson	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Commercial Printing	2860
	1	Publishing Only	2880
	1	Publishing & Printing	2890
	1	Machine Shops	3080
	2	Ready-Mix Concrete	3550
Elk Point	1	Publishing & Printing	2890
Enilda	1	Sawmills & Planing Mills	2513
Evansburg	1	Dairies	1040
Exshaw	1	Cement	3520
Fairview	1	Bakeries	1072
	1	Commercial Printing	2860
	1	Publishing	2880
Falher	1	Feeds	1060
Forestburg	1	Feeds	1060

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1981

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Fort MacLeod	1	Feeds	1060
	1	Bakeries	1072
	1	Veneer & Plywood	2520
	1	Pre-Fabricated Buildings	2543
	1	Publishing & Printing	2890
	1	Miscellaneous Metal Fabricating	3090
Fort McMurray	2	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	2	Furniture Re-Upholstery & Repair	2611
	1	Miscellaneous Furniture & Fixture	2660
	2	Commercial Printing	2860
	1	Publishing & Printing	2890
	4	Machine Shops	3080
	4	Ready-Mix Concrete	3550
	1	Miscellaneous Chemical	3799
	1	Dental Laboratories	3915
*Fort Saskatchewan	1	Bakeries	1072
	1	Vegetable Oil Mills	1083
	2	Plastic Fabricators	1650
	1	Wooden Boxes	2560
	1	Household Furniture	2619
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Smelting & Refining	2950
	2	Machine Shops	3080
	1	Plastics & Synthetic Resins	3730
	3	Industrial Chemicals (Inorganic)	3782
	2	Industrial Chemicals (Organic)	3783
	2	Miscellaneous Chemical	3799
Fox Creek	1	Machine Shops	3080
*Gibbons	1	Household Furniture	2619
Glenwood	1	Dairies	1040
Goodfish Lake	1	Men's Clothing Contractors	2432
Grande Cache	1	Miscellaneous Chemical	3799
Grand Centre	1	Bakeries	1072
	1	Sash, Door & Other Millwork	2541
	2	Wooden Kitchen Cabinets	2544
	2	Furniture Re-Upholstery & Repair	2611
	1	Household Furniture	2619
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
Grande Prairie	2	Meat Products	1011
	1	Dairies	1040
	2	Feeds	1060
	1	Bakeries	1072
	1	Carbonated Beverages	1091
	1	Sawmills & Planing Mills	2513
	1	Veneer & Plywood	2520
	1	Sash, Door & Other Millwork	2541
	1	Pre-fabricated Building	2543
	2	Furniture Re-Upholstery & Repair	2611
	1	Household Furniture	2619
	2	Commercial Printing	2860
	2	Publishing & Printing	2890
	1	Metal Doors & Windows	3031
	1	Metal Stamping, Pressing	3042
	1	Wire & Wire Products	3059
	1	Hardware, Tool & Cutlery	3060
	1	Machine Shops	3080
	1	Miscellaneous Machinery & Equip.	3150
	2	Motor Vehicles Parts & Accessories	3250
	1	Clay Products (domestic clay)	3511
	1	Clay Products (imported clay)	3512
	1	Structural Concrete Products	3542
	2	Ready-Mix Concrete	3550
	1	Dental Labs	3915
	1	Signs & Displays	3970
Grande Prairie Co. #1	1	Sawmills & Planing Mills	2513
	1	Pre-fabricated Building	2543

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1981

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Granum	1	Wire & Wire Products	3059
Grimshaw	1	Ready-Mix Concrete	3550
Guy	1	Feeds	1060
	1	Sawmills & Planing Mills	2513
Hanna	1	Miscellaneous Textile Industries	1899
	1	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550
High Level	1	Sawmills & Planing Mills	2513
	2	Publishing Only	2880
	2	Machine Shops	3080
High Prairie	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Ready-Mix Concrete	3550
High River	1	Feeds	1060
	1	Bakeries	1072
	1	Misc. Food Processors	1089
	1	Distilleries	1092
	1	Miscellaneous Leather	1799
	1	Furniture Re-Upholstery & Repair	2611
	3	Non-Commercial Trailers	3242
	2	Boatbuilding & Repair	3280
	1	Clay Products (domestic clay)	3511
	1	Ready-Mix Concrete	3550
	1	Pharmaceutical & Medicines	3740
	1	Jewellery & Silverware	3920
	1	Signs & Displays	3970
Hines Creek	1	Household Furniture	2619
	2	Sawmills & Planing Mills	2513
Hinton	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Wooden Kitchen Cabinets	2544
Hinton (cont'd)	1	Pulp & Paper Mills	2710
	1	Publishing Only	2880
	1	Publishing & Printing	2890
	1	Misc. Machinery & Equipment	3150
	2	Ready-Mix Concrete	3550
Hobbema	1	Miscellaneous Textile Industries	1899
	1	Miscellaneous Clothing	2499
	1	Sash, Door & Other Millwork	2541
	1	Household Furniture	2619
Hotchkiss	1	Sawmills & Planing Mills	2513
I.D. #7	1	Canvas Products	1872
	1	Wood Preservation	2591
	1	Ready-Mix Concrete	3550
I.D. #8	1	Miscellaneous Non-Metallic Mineral	3599
I.D. #10	1	Sawmills & Planing Mills	2513
	1	Publishing Only	2880
I.D. #14	1	Wood Preservation	2591
	1	Miscellaneous Chemical	3799
I.D. #15	1	Sawmills & Planing Mills	2513
I.D. #16	1	Sawmills & Planing Mills	2513
I.D. #17	2	Sawmills & Planing Mills	2513
I.D. #18	1	Sawmills & Planing Mills	2513
	1	Ready-Mix Concrete	3550
Innisfail	2	Meat Products	1011
	1	Feeds	1060
	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Sash, Door & Other Millwork	2541

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1981

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Innisfail (cont'd)	1	Miscellaneous Wood	2599
	2	Publishing & Printing	2890
	1	Metal Door & Window	3031
	1	Machine Shops	3080
	1	Ready-Mix Concrete	3550
	1	Miscellaneous Non-Metallic Mineral	3599
	1	Miscellaneous Manufacturing	3999
Irricana	1	Publishing Only	2880
Jasper	1	Bakeries	1072
	1	Furniture Re-Upholstery & Repair	2611
	1	Publishing & Printing	2890
Kananaskis Valley	1	Lime	3580
Killam	1	Ornamental & Arch. Metal	3039
	1	Agricultural Implements	3110
	1	Ready-Mix Concrete	3550
Kingman	1	Furniture Re-Upholstery & Repair	2611
Kinsella	1	Machine Shops	3080
	1	Ready-Mix Concrete	3550
Kinuso	1	Sawmills & Planing Mills	2513
La Crete	4	Sawmills & Planing Mills	2513
Lac La Biche	1	Men's Clothing	2431
	1	Publishing & Printing	2890
	1	Aircraft & Aircraft Parts	3210
Lacombe	1	Feeds	1060
	2	Bakeries	1072
	1	Leather Tanneries	1720
	1	Furniture Re-Upholstery & Repair	2611
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Metal Stamping & Pressing	3042
Lacombe (cont'd)	1	Ready-Mix Concrete	3550
	1	Jewellery & Silverware	3920
	1	Sporting Goods	3931
Lamont	1	Publishing Only	2880
	1	Ready-Mix Concrete	3550
Leduc	1	Meat Products	1011
	1	Dairy Products	1040
Leduc (cont'd)	1	Feeds	1060
	2	Bakeries	1072
	1	Miscellaneous Leather Products	1799
	1	Miscellaneous Textile Industries	1899
	1	Sash, Door & Other Millwork	2541
	1	Publishing & Printing	2890
	1	Metal Stamping & Pressing	3042
	1	Misc. Machinery & Equipment	3150
	1	Ready-Mix Concrete	3550
Leduc Co. #25	1	Sash, Door & Other Millwork	2541
	4	Fabricated Structural Metal	3020
	1	Machine Shops	3080
	3	Miscellaneous Machinery	3150
	2	Electrical Industrial Equipment	3360
	1	Miscellaneous Chemicals	3799
*Legal	1	Feeds	1060
	1	Metal Stamping & Pressing	3042
Leslieville	1	Plastics Fabricating	1650
Lethbridge Co. #26	1	Meat Products	1011
	1	Feeds	1060
	1	Plastic Fabricating	1650
	1	Sash, Door & Other Millwork	2541
	2	Ornamental & Arch. Metal	3039
	1	Agricultural Implements	3110
	2	Non-Commercial Trailers	3242
	1	Commercial Trailers	3243
	1	Structural Concrete	3542

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1981

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Linden	1	Feeds	1060
	1	Wooden Boxes	2560
	1	Machinery & Equipment	3150
	1	Commercial Trailers	3243
Lloydminster	1	Bakeries	1072
	1	Vegetable Oil Mills	1083
	1	Pre-Fabricated Buildings	2543
	2	Furniture Re-Upholstery & Repair	2611
	1	Wooden Kitchen Cabinets	2544
	1	Asphalt Roofing	2720
	1	Publishing & Printing	2890
	1	Boiler & Plate Works	3010
	1	Metal Stamping, Pressing	3042
	2	Ready-Mix Concrete	3550
	1	Petroleum Refining	3651
Lodgepole	3	Sawmills & Planing Mills	2513
Longview	1	Machine Shops	3080
Magrath	1	Sash, Door & Other Millwork	2541
	1	Miscellaneous Wood	2599
Mallaig	1	Feeds	1060
Manning	1	Sawmills & Planing Mills	2513
	1	Ready-Mix Concrete	3550
Mannville	1	Publishing & Printing	2890
Marwayne	1	Ornamental & Arch. Metal	3039
Mayerthorpe	1	Feeds	1060
	1	Furniture Re-Upholstery & Repair	2611
	1	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550
McLennan	1	Bakeries	1072
Meeting Creek	1	Plastics Fabricating	1650
Milk River	1	Furniture Re-upholstery & Repair	2611
Millarville	1	Sawmills & Planing Mills	2513
Mirror	1	Meat Products	1011
Morinville	1	Bakeries	1072
	1	Sash, Door & Other Millwork	2541
	1	Publishing & Printing	2890
	1	Agricultural Implements	3110
	1	Ready-Mix Concrete	3550
Mountain View	1	Men's Clothing	2431
Mynarski Park	2	Publishing & Printing	2890
Namao	1	Aircraft & Aircraft Parts	3210
	1	Concrete Products	3549
Nanton	1	Misc. Leather Products	1799
	1	Commercial Printing	2860
	1	Publishing Only	2880
	1	Publishing & Printing	2890
	1	Agricultural Implement	3110
Nisku	1	Miscellaneous Rubber Products	1629
	1	Pre-fabricated Buildings	2543
	1	Commercial Printing	2860
	1	Boiler & Plate Works	3010
	2	Fabricating Structural Metal	3020
	2	Ornamental & Arch. Metal	3039
	1	Metal Stamping & Pressing	3042
	6	Miscellaneous Machinery & Equip.	3150
	1	Truck Bodies	3241
	1	Non-Commercial Trailers	3242
	1	Soap & Cleaning Compounds	3760
Nobleford	1	Agricultural Implements	3110
Okotoks	1	Poultry Processors	1012

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1981

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Okotoks (cont'd)	1	Feeds	1060
	1	Plastic Fabricating	1650
	1	Publishing Only	2880
	1	Ornamental & Arch. Metal	3039
	1	Miscellaneous Metal Fabricating	3090
	1	Ready-Mix Concrete	3550
	1	Soap & Cleaning Compounds	3760
Olds	1	Meat Products	1011
	1	Feeds	1060
	1	Bakeries	1072
	1	Wooden Kitchen Cabinets	2544
	1	Furniture Re-Upholstery & Repair	2611
	1	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550
	1	Signs & Display Signs	3970
Onoway	1	Slaughtering & Meat Processors	1011
	1	Miscellaneous Wood	2599
	1	Publishing Only	2880
	1	Ready-Mix Concrete	3550
Oyen	1	Publishing Only	2880
	1	Aircraft & Aircraft Parts	3210
Parkland Co. #31	1	Slaughtering & Meat Processors	1011
	1	Sash, Door and Other Millwork	2541
	1	Pre-fabricated Buildings	2543
	1	Coffin & Casket	2580
	1	Misc. Machinery & Equipment	3150
	1	Commercial Trailers	3243
	1	Cement	3520
	1	Concrete Products	3549
	1	Ready-Mix Concrete	3550
Peace River	1	Dairies	1040
	1	Bakeries	1072
	1	Sawmills & Planing Mills	2513
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
Peace River (cont'd)	1	Ornamental & Arch. Metal	3039
	1	Machine Shops	3080
	1	Ready-Mix Concrete	3550
Peers	1	Sawmills & Planing Mills	2513
Picture Butte	1	Meat Products	1011
	1	Feeds	1060
	1	Bakeries	1072
	1	Sash, Door and Other Millwork	2541
Pincher Creek	1	Meat Products	1011
	1	Bakeries	1072
	1	Publishing & Printing	2890
	1	Machine Shops	3080
	1	Dental Laboratories	3915
Plamondon	1	Sawmills & Planing Mills	2513
Ponoka	1	Meat Products	1011
	1	Bakeries	1072
	2	Publishing & Printing	2890
	1	Ready-Mix Concrete	3550
Provost	1	Bakeries	1072
	1	Furniture Re-Upholstery & Repair	2611
	1	Publishing Only	2880
Raymond	2	Plastics Fabricating	1650
	1	Sash, Door & Other Millwork	2541
	1	Publishing & Printing	2890
Red Deer Co. #23	1	Agricultural Implements	3110
	1	Petroleum Refining	3651
*Redwater	1	Bakeries	1072
	1	Metal Stamping, Pressing	3042
	1	Machine Shops	3080
	1	Railroad Rolling Stock	3260
	1	Industrial Chemicals (Inorganic)	3782
	1	Signs & Display Signs	3970

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1981

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Rimbey	1	Meat Products	1011
	1	Feeds	1060
	1	Bakeries	1072
	1	Publishing & Printing	2890
Rocky Mountain House	1	Sawmills & Planing Mills	2513
	1	Wood Preservation	2591
	1	Publishing & Printing	2890
	1	Clay Products (domestic clay)	3511
	1	Ready-Mix Concrete	3550
Rockyford	1	Slaughtering & Meat Processors	1011
Rockyview M.D. #44	1	Wooden Boxes	2560
	1	Corrugated Boxes	2732
	1	Publishing Only	2880
	1	Misc. Machinery & Equipment	3150
	1	Non-Commercial Trailers	3242
	1	Scientific & Prof. Equipment	3911
Rosalind	1	Clay Products (domestic clay)	3511
Rosedale	1	Sash, Door & Other Millwork	2541
Rosemary	1	Feeds	1060
Rycroft	1	Miscellaneous Machinery & Equip.	3150
	1	Stone Products	3530
Ryley	1	Meat Products	1011
*St. Albert	2	Bakeries	1072
	2	Plastic Fabricating	1650
	1	Embroidery, Pleating & Hemstiching	1893
	2	Miscellaneous Textile	1899
	1	Sash, Door & Other Millwork	2541
	2	Wooden Kitchen Cabinets	2544
	1	Miscellaneous Wood	2599
	1	Misc. Furniture & Fixture	2660
	2	Commercial Printing	2860
	1	Publishing	2880
St. Albert (cont'd)	1	Ornamental & Arch. Metal	3039
	1	Misc. Metal Fabricating	3090
	2	Aircraft & Aircraft Parts	3210
	1	Mixed Fertilizers	3720
St. Paul	1	Dairies	1040
	1	Bakeries	1072
	1	Carbonated Beverages	1091
	1	Furniture Re-Upholstery & Repair	2611
	1	Publishing & Printing	2890
	2	Concrete Products	3549
St. Paul Co. #19	1	Meat Products	1011
Sangudo	1	Meat Products	1011
	1	Agricultural Implements	3110
Seba Beach	1	Meat Products	1011
Sedgewick	1	Publishing & Printing	2890
Sentinel	1	Electric Wire & Cable	3380
Seven Persons	1	Sash, Door & Other Millwork	2541
Sexsmith	2	Vegetable Oils	1083
Sherwood Park	1	Bakeries	1072
	1	Miscellaneous Food Processors	1089
	1	Sawmills & Planing Mills	2513
	1	Furniture Re-upholstery & Repair	2611
	1	Miscellaneous Furniture & Fixture	2660
	2	Commercial Printing	2860
	1	Metal Door & Window	3031
	1	Misc. Machinery & Equipment	3150
	1	Instrument & Related Products	3911
	2	Sporting Goods	3931
	2	Signs & Displays	3970
	2	Other Miscellaneous	3999

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1981

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Slave Lake	1	Particle Board	2593
	1	Publishing	2880
	1	Machine Shops	3080
	1	Ready-Mix Concrete	3550
Smith	1	Miscellaneous Wood	2599
Smoky Lake	1	Feeds	1060
	1	Bakeries	1072
	1	Ready-Mix Concrete	3550
Spirit River	2	Sawmills & Planing Mills	2513
	1	Household Furniture	2619
Springbank Creek	1	Ready-Mix Concrete	3550
Spruce Grove	1	Slaughtering & Meat Processors	1011
	1	Sash, Door & Other Millwork	2541
	1	Furniture Re-upholstery & Repair	2611
	1	Commercial Printing	2860
	2	Publishing & Printing	2890
	1	Hardware Tool & Cuttery	3060
	2	Miscellaneous Machinery & Equip.	3150
	1	Electrical Industrial Equip.	3360
Stand Off	1	Pre-Fabricated Buildings	2543
Stavely	1	Sash, Door & Other Millwork	2541
Stettler	1	Meat Products	1011
	1	Dairies	1040
	1	Bakeries	1072
	2	Wooden Kitchen Cabinets	2544
	2	Publishing & Printing	2890
	1	Metal Doors & Windows	3031
	1	Agricultural Implements	3110
	1	Signs & Displays	3970
Stettler Co. #6	1	Feeds	1060
	1	Dental Laboratories	3915
Stony Plain	1	Meat Products	1011
	1	Feeds	1060
	1	Bakeries	1072
	1	Wooden Kitchen Cabinets	2544
	1	Miscellaneous Wood	2599
	1	Household Furniture	2619
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Miscellaneous Vehicle	3290
	1	Pharmaceutical & Medicines	3740
	1	Signs & Displays	3970
*Strathcona Co. #20	1	Slaughtering & Meat Processors	1011
	3	Feeds	1060
	1	Soft Drinks	1091
	2	Plastic Fabricating	1650
	1	Fibre & Filament Yarn	1851
	1	Pre-fabricated Buildings	2543
	2	Wooden Kitchen Cabinets	2544
	1	Pulp & Paper Mills	2710
	1	Asphalt Roofing	2720
	1	Corrugated Boxes	2732
	1	Commercial Printing	2860
	1	Iron & Steel Mills	2910
	1	Boiler & Plate Works	3010
	4	Fabricated Structural Metal	3020
	1	Metal Stamping, Pressing	3042
	2	Wire & Wire Products	3059
	1	Machine Shop	3080
	2	Miscellaneous Metal Fabricating	3090
	5	Miscellaneous Machinery	3150
	1	Truck Bodies	3241
	2	Commercial Trailers	3243
	1	Boatbuilding & Repair	3280
	1	Cement	3520
	1	Concrete Pipe	3541
	1	Structural Concrete	3542
	2	Miscellaneous Non-Metallic	3599
	3	Petroleum	3651
	1	Lubricating Oil & Greases	3652

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1981

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Strathcona Co (cont'd)	3	Miscellaneous Petroleum & Coal	3690
	2	Plastic & Synthetic Resins	3730
	2	Soaps & Cleaning Compounds	3760
	1	Industrial Chemicals (inorganic)	3782
	2	Industrial Chemicals (organic)	3783
	1	Miscellaneous Chemical	3799
	2	Signs & Displays	3970
Strathmore	1	Feeds	1060
	1	Publishing & Printing	2890
	1	Ornamental & Arch. Metal	3039
	1	Miscellaneous Machinery	3150
Strome	1	Boat Building & Repair	3280
Sundre	1	Feeds	1060
	3	Sawmills & Planing Mills	2513
	1	Publishing & Printing	2890
	1	Non-Commercial Trailer	3242
	1	Ready-Mix Concrete	3550
Swan Hills	1	Machine Shops	3080
Sylvan Lake	1	Dairies	1040
	1	Bakeries	1072
	1	Ready-Mix Concrete	3550
Taber	1	Meat Products	1011
	1	Canners & Preservers	1031
	1	Feeds	1060
	1	Beet Sugar	1082
	1	Miscellaneous Food	1089
	1	Sash, Door & Other Millwork	2541
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Machine Shops	3080
	1	Ready-Mix Concrete	3550
Thorsby	1	Dairies	1040
	1	Feeds	1060
	1	Wooden Kitchen Cabinets	2544
Three Hills	1	Dairies	1040
	1	Bakeries	1072
	2	Commercial Printing	2860
	1	Publishing & Printing	2890
Tilley	2	Feeds	1060
Tofield	1	Meat Products	1011
	1	Publishing Only	2880
	1	Ready-Mix Concrete	3550
Torrington	1	Hardware, Tool & Cutlery	3060
Trochu	1	Meat Products	1011
	1	Misc. Machinery & Equipment	3150
	1	Ready-Mix Concrete	3550
Two Hills	1	Miscellaneous Food Processors	1089
Valleyview	1	Publishing & Printing	2890
Vauxhall	1	Canners & Preservers	1031
	2	Feeds	1060
Vegreville	2	Dairies	1040
	1	Bakeries	1072
	2	Publishing & Printing	2890
	1	Agricultural Implements	3110
	1	Ready-Mix Concrete	3550
Vermilion	1	Dairies	1040
	1	Feeds	1060
	1	Bakeries	1072
	1	Furniture Re-Upholstery & Repair	2611
	1	Publishing & Printing	2890
	1	Agricultural Implements	3110
	1	Miscellaneous Machinery	3150
	1	Ready-Mix Concrete	3550
Viking	1	Publishing & Printing	2890
	1	Misc. Machinery & Equipment	3150

APPENDIX B (continued)

MUNICIPALITIES BY NUMBER, TYPE AND STANDARD

INDUSTRIAL CLASSIFICATION CODE OF INDUSTRY, ALBERTA, 1981

MUNICIPALITIES	ESTAB-LISH-MENTS	INDUSTRY	S.I.C.
Vulcan	1	Bakeries	1072
	1	Publishing & Printing	2890
	1	Non-Commercial Trailers	3242
	1	Ready-Mix Concrete	3550
Vulcan Co. #2	1	Household Furniture	2619
	1	Mixed Fertilizers	3720
Wabamun	1	Household Furniture	2619
	2	Pulp & Papermills	2710
	1	Fabricated Structural Metal	3020
Wainwright	1	Meat Products	1011
	1	Feeds	1060
	1	Bakeries	1072
	1	Pre-Fabricated Building (wood)	2543
	1	Furniture Re-Upholstery & Repair	2611
	1	Machine Shops	3080
Wanham	1	Feeds	1060
Wapiti River	1	Pulp & Paper Mills	2710
Warburg	1	Ready-Mix Concrete	3550
Warner	1	Commercial Printing	2860
Welling	1	Small Electrical Appliances	3310
Westlock	1	Dairies	1040
	1	Bakeries	1072
	1	Furniture Re-Upholstery & Repair	2611
	1	Publishing	2880
	1	Publishing & Printing	2890
	1	Iron Foundries	2940
	1	Metal Stamping, Pressing	3042
	1	Machine Shops	3080
	2	Ready-Mix Concrete	3550
Wetaskiwin	3	Dairies	1040
	2	Feeds	1060
	1	Bakeries	1072
	1	Plastics Fabricators	1650
	1	Miscellaneous Textiles	1899
	1	Furniture Re-Upholstery & Repair	2611
	1	Commercial Printing	2860
	1	Publishing & Printing	2890
	1	Machine Shops	3080
	2	Miscellaneous Machine & Equip.	3150
	1	Aircraft & Aircraft Parts	3210
	1	Truck Bodies	3241
	1	Ready-Mix Concrete	3550
Whitecourt	1	Dairies	1040
	1	Bakeries	1072
	1	Plastic Fabricating	1650
	1	Sawmills & Planing Mills	2513
	1	Publishing	2880
	2	Publishing & Printing	2890
	1	Boatbuilding & Repair	3280
	1	Instrument & Related Products	3911
Wildwood	1	Sawmills & Planing Mills	2513
Willingdon	1	Wooden Box	2560
Willow Creek M.D. #26	2	Slaughtering & Meat Processors	1011
	1	Sash, Door & Other Millwork	2541
	1	Metal Stamping & Pressing	3042
	1	Non-Commercial Trailers	3242
Winterburn	1	Sash, Door & Other Millwork	2541
	2	Wooden Kitchen Cabinets	2544
	2	Wooden Box Factories	2560
	1	Non-Commercial Trailers	3242
	1	Signs & Displays	3970

*Part of Edmonton Metro

APPENDIX C

STANDARD INDUSTRIAL CLASSIFICATION CODES (1970) -

MANUFACTURING INDUSTRIES

IND. CODE		INDUSTRY GROUP 1 - FOOD AND BEVERAGE INDUSTRIES
101		Meat and Poultry Products Industries
	1011	Slaughtering and Meat Processors
	1012	Poultry Processors
102		Fish Products Industry
103		Fruit and Vegetable Processing Industries
	1031	Fruit & Vegetable Canners & Preservers
	1032	Frozen Fruit & Vegetable Processors
104		Dairy Products Industry
105		Flour & Breakfast Cereal Products Industry
106		Feed Industry
107		Bakery Products Industries
	1071	Biscuit Manufacturers
	1072	Bakeries
108		Miscellaneous Food Industries
	1081	Confectionery Manufacturers
	1082	Cane & Beet Sugar Processors
	1083	Vegetable Oil Mills
	1089	Miscellaneous Food Processors, n.e.s.
109		Beverage Industries
	1091	Soft Drink Manufacturers
	1092	Distilleries
	1093	Breweries
	1094	Wineries
		INDUSTRY GROUP 2 - TOBACCO PRODUCTS INDUSTRIES
151		Leaf Tobacco Processors
153		Tobacco Products Manufacturers

IND. CODE		INDUSTRY GROUP 3 - RUBBER & PLASTICS PRODS. INDS.
162		Rubber Products Industries
	1623	Tire & Tube Manufacturers
	1624	Rubber Footwear Manufacturers
	1629	Misc. Rubber Products Manufacturers
165		Plastics Fabricating Industry, n.e.s.
		INDUSTRY GROUP 4 - LEATHER INDUSTRIES
172		Leather Tanneries
174		Shoe Factories
175		Leather Glove Factories
179		Luggage, Handbag & Small Leather Goods Mfrs.
	1792	Boot & Shoe Findings Manufacturers
	1799	Misc. Leather Products Manufacturers
		INDUSTRY GROUP 5 - TEXTILE INDUSTRIES
181		Cotton Yarn & Cloth Mills
182		Wool Yarn & Cloth Mills
183		Man-Made Fibre, Yarn & Cloth Mills
	1831	Fibre & Filament Yarn Manufacturers
	1832	Throwsters, Spun Yarn & Cloth Mills
184		Cordage & Twine Industry
185		Felt & Fibre Processing Mills
	1851	Fibre Processing Mills
	1852	Pressed & Punched Felt Mills
186		Carpet, Mat & Rug Industry
187		Canvas Products & Cotton & Jute Bags Industries

APPENDIX C (continued)

STANDARD INDUSTRIAL CLASSIFICATION CODES (1970) -

MANUFACTURING INDUSTRIES

IND. CODE		INDUSTRY GROUP 5 - TEXTILE INDUSTRIES - (CONCLUDED)
	1871	Cotton & Jute Bags Manufacturers
	1872	Canvas Products Manufacturers
188		Automobile Fabric Accessories Industry
189		Miscellaneous Textile Industries
	1891	Thread Mills
	1892	Narrow Fabric Mills
	1893	Embroidery, Pleating & Hemstitching Mfrs.
	1894	Textile Dyeing & Finishing Plants
	1899	Miscellaneous Textile Industries, n.e.s.
		INDUSTRY GROUP 6 - KNITTING MILLS
231		Hosiery Mills
239		Knitting Mills (except Hosiery Mills)
	2391	Knitted Fabric Manufacturers
	2392	Other Knitting Mills
		INDUSTRY GROUP 7 - CLOTHING INDUSTRIES
243		Men's Clothing Industries
	2431	Men's Clothing Factories
	2432	Men's Clothing Contractors
244		Women's Clothing Industries
	2441	Women's Clothing Factories
	2442	Women's Clothing Contractors
245		Children's Clothing Industry
246		Fur Goods Industry
248		Foundation Garment Industry
249		Miscellaneous Clothing Industries
	2491	Fabric Glove Manufacturers
	2492	Hat & Cap Industry
	2499	Misc. Clothing Industries, n.e.s.
		INDUSTRY GROUP 8 - WOOD INDUSTRIES
251		Sawmills, Planning Mills & Shingle Mills
	2511	Shingle Mills
	2513	Sawmills & Planing Mills (except Shingle Mills)
252		Veneer & Plywood Mills
254		Sash, Door & Other Millwork Plants
	2541	Sash, Door & Other Millwork Plants, n.e.s.
	2543	Mfrs. of Pre-fabricated Buildings (Wood-Frame Construction)
	2544	Mfrs. of Wooden Kitchen Cabinets
256		Wooden Box Factories
258		Coffin & Casket Industry
259		Miscellaneous Wood Industries
	2591	Wood Preservation Industry
	2592	Wood Handles & Turning Industry
	2593	Manufacturers of Particle Board
	2599	Miscellaneous Wood Industries, n.e.s.
		INDUSTRY GROUP 9 - FURNITURE & FIXTURE INDUSTRIES
261		Household Furniture Manufacturers
	2611	Furniture Re-Upholstery & Repair Shops
	2619	Household Furniture Manufacturers, n.e.s.
264		Office Furniture Manufacturers
266		Misc. Furniture & Fixture Manufacturers
268		Electric Lamp & Shade Manufacturers

APPENDIX C (continued)

STANDARD INDUSTRIAL CLASSIFICATION CODES (1970) -

MANUFACTURING INDUSTRIES

IND. CODE		
		INDUSTRY GROUP 10 - PAPER & ALLIED INDUSTRIES
271		Pulp & Paper Mills
272		Asphalt Roofing Manfacturers
273		Paper Box & Bag Manufacturers
	2731	Folding Carton & Set-up Box Mfrs.
	2732	Corrugated Box Manufacturers
	2733	Paper & Plastic Bag Manufacturers
274		Miscellaneous Paper Converters
		INDUSTRY GROUP 11 - PRINTING, PUBLISHING & ALLIED INDUSTRIES
286		Commercial Printing
287		Platemaking, Typesetting & Trade Bindery Ind.
288		Publishing Only
289		Publishing & Printing
		INDUSTRY GROUP 12 - PRIMARY METAL INDUSTRIES
291		Iron & Steel Mills
292		Steel Pipe & Tube Mills
294		Iron Foundaries
295		Smelting & Refining
335		Aluminum Rolling, Casting & Extruding
297		Copper & Copper Alloy Rolling, Casting & Extruding
298		Metal Rolling, Casting & Extruding, n.e.s.

IND. CODE		
		INDUSTRY GROUP 13 - METAL FABRICATING INDUSTRIES (EXCEPT MACHINERY & TRANSPORTATION EQUIPMENT INDS.)
301		Boiler & Plate Works
302		Fabricated Structural Metal Industry
303		Ornamental & Architectural Metal Industry
	3031	Metal Door & Window Manufacturers
	3039	Ornametal & Architectural Metal Industry, n.e.s.
304		Metal Stamping, Pressing & Coating Industry
	3041	Metal Coating Industry
	3042	Metal Stamping & Pressing Industry
305		Wire & Wire Products Manufacturers
306		Hardware, Tool & Cutlery Manufacturers
307		Heating Equipment Manufacturers
308		Machine Shops
309		Miscellaneous Metal Fabricating Industries
		INDUSTRY GROUP 14 - MACHINERY INDUSTRIES (EXCEPT ELECTRICAL MACHINERY)
311		Agricultural Implement Industry
315		Misc. Machinery & Equipment Manufacturers
316		Commercial Refrigeration & Air Conditioning Equipment Manufacturers
318		Office & Store Machinery Manufacturers
		INDUSTRY GROUP 15 - TRANSPORTATION EQUIPMENT INDUSTRIES
321		Aircraft & Aircraft Parts Manufacturers

APPENDIX C (continued)

STANDARD INDUSTRIAL CLASSIFICATION CODES (1970) -

MANUFACTURING INDUSTRIES

IND. CODE		INDUSTRY GROUP 15 - TRANSPORTATION EQUIPMENT INDUSTRIES (CONCLUDED)
323		Motor Vehicle Manufacturers
324		Truck Body & Trailer Manufacturers
	3241	Truck Body Manufacturers
	3242	Non-Commercial Trailer Manufacturers
	3243	Commercial Trailer Manufacturers
325		Motor Vehicle Parts & Accessories Mfrs.
326		Railroad Rolling Stock Industry
327		Shipbuilding & Repair
328		Boatbuilding & Repair
329		Miscellaneous Vehicle Manufacturers
		INDUSTRY GROUP 16 - ELECTRICAL PRODUCTS INDUSTRIES
331		Mfrs. of Small Electrical Appliances
332		Mfrs. of Major Appliances (Electric & Non-Electric)
333		Mfrs. of Lighting Fixtures
334		Mfrs. of Household Radio & T.V. Receivers
335		Communications Equipment Manufacturers
336		Mfrs. of Electrical Industrial Equipment
338		Mfrs. of Electric Wire & Cable
339		Mfrs. of Misc. Electrical Products
	3391	Battery Manufacturers
	3399	Mfrs. of Misc. Electrical Products, n.e.s.

IND. CODE		INDUSTRY GROUP 17 - NON-METALLIC MINERIAL PRODUCTS INDUSTRIES
351		Clay Products Manufacturers
	3511	Clay Products Mfrs. (from domestic clays)
	3512	Clay Products Mfrs. (from imported clays)
352		Cement Manufacturers
353		Stone Products Manufacturers
354		Concrete Products Manfacturers
	3541	Concrete Pipe Manufacturers
	3542	Mfrs. of Structural Concrete Products
	3549	Concrete Products Mfrs., n.e.s.
355		Ready-Mix Concrete Manufacturers
356		Glass & Glass Products Manufacturers
	3561	Glass Manufacturers
	3562	Glass Products Manufacturers
357		Abrasives Manufacturers
358		Lime Manufacturers
359		Miscellaneous Non-Metallic Mineral Products Industries
	3591	Refractories Manufacturers
	3599	Miscellaneous Non-Metallic Mineral Products Industries, n.e.s.
		INDUSTRY GROUP 18 - PETROLEUM AND COAL PRODUCTS INDS.
365		Petroleum Refineries
	3651	Petroleum Refining
	3652	Mfrs. of Lubricating Oils & Greases
369		Misc. Petroleum & Coal Products Industries.

APPENDIX C (concluded)

STANDARD INDUSTRIAL CLASSIFICATION CODES (1970) -

MANUFACTURING INDUSTRIES

IND. CODE		INDUSTRY GROUP 19 - CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES
372		Mfrs. of Mixed Fertilizers
373		Mfrs. of Plastics & Synthetic Resins
374		Mfrs. of Pharmaceutical & Medicines
375		Paint & Varnish Manufacturers
376		Mfrs. of Soap & Cleaning Compounds
377		Mfrs. of Toilet Preparations
378		Manufacturers of Industrial Chemicals
	3781	Manufacturers of Pigments & Dry Colours
	3782	Manufacturers of Industrial Chemicals (Inorganic), n.e.s.
	3783	Manufacturers of Industrial Chemicals (Organic), n.e.s.
379		Miscellaneous Chemical Industries
	3791	Manufacturers of Printing Inks
	3799	Miscellaneous Chemical Industries, n.e.s.

IND. CODE		INDUSTRY GROUP 20 - MISCELLANEOUS MANUFACTURING INDUSTRIES
391		Scientific & Professional Equipment Industries
	3911	Instrument & Related Products Manufacturers
	3912	Clock & Watch Manufacturers
	3913	Orthopaedic & Surgical Appliance Mfrs.
	3914	Ophthalmic Goods Manufacturers
	3915	Dental Laboratories
392		Jewellery and Silverware Industry
393		Sporting Goods and Toy Industries
	3931	Sporting Goods Manufacturers
	3932	Toys and Games Manufacturers

IND. CODE		INDUSTRY GROUP 20 - MISCELLANEOUS MANUFACTURING INDUSTRIES - (Concluded)
397		Signs and Displays Industry
399		Miscellaneous Manufacturing Industries, n.e.s.
	3991	Broom, Brush and Mop Manufacturers
	3992	Button, Buckle and Fastener Manufacturers
	3993	Floor Tile, Linoleum and Coated Fabrics Manufacturers
	3994	Sound Recording and Musical Instrument Manufacturers
	3996	Pen and Pencil Manufacturers
	3998	Fur Dressing and Dyeing
	3999	Other Miscellaneous Manufacturing Industries